

LEE'S LANE LANDFILL REMOVAL ACTION

**Louisville, Jefferson
County, Kentucky**

VOLUME 1

**U. S. Environmental Protection Agency
Region IV
Atlanta, Georgia**



**RIVER BANK CONTAINMENT OPERATION
AT THE
LEE'S LANE LANDFILL SITE
LOUISVILLE, JEFFERSON COUNTY, KENTUCKY**

**TECHNICAL DIRECTION DOCUMENT
04-8706-04C-1418**

**Technical Assistance Team
Roy F. Weston, Inc.**

18 December 1987

REGION IV
CERCLA IMMEDIATE REMOVAL ACTION/NPL SITE

FACTS SHEET

SITE: Lee's Lane Landfill

SIZE: 112 acres

LOCATION: Shirely, Jefferson County, Kentucky

PROJECT DATES: March 16, 1987 to October 29, 1987

SUMMARY OF EVENTS: The Lee's Lane Landfill site has been used over the years as a sand and gravel quarry, a junkyard, and a landfill. Use at the site was known to have begun as early as the 1940's and continuing until April, 1975 when the landfill was closed. An estimated 212,400 tons of mixed waste has been recorded as being disposed of at the Lee's Lane Landfill by industrial firms from the area. In 1975, homeowners in the Riverside Gardens area reported flashfires from their water heaters which prompted investigations around the site. These investigations revealed explosive levels of methane gas emitting from the landfill. In October 1980, a venting system was installed. Under court order in October 1981, approximately 400 drums were removed by the owners to an approved waste facility and nonhazardous materials buried on-site.

In December 1982 the Lee's Land Landfill Site was ranked on the National Priorities List (NPL). A Remedial Action Master Plan was completed in May 1983 by the NUS Corporation and in April 1986 the Remedial Investigation/Feasibility Study (RI/FS) was signed on September 25, 1986.

As of March 1986 approximately 25 Potential Responsible Parties (PRP) had been notified by EPA Enforcement. As a result, the PRP's responded by organizing a steering committee for purposes of negotiations with EPA. In February 9, 1987 the PRP's declined to perform the Remedial Design and Remedial Action. In March 1987 the Removal Section was asked to act upon some immediate threats to the Ohio River and groundwater from the Lee's Lane Landfill. Implementation of the first removal action included the following:

- clearing of vegetation from the proposed area to be riprapped

Lee's Lane Landfill Site
Louisville, Jefferson County, Kentucky
OSC Report

FACTS SHEET"--Continued

- placing riprap onto approximately 14 acres of riverbank
- covering exposed trash on the southern corner of the landfill with clay and seeding
- post additional signs on the site.

At this time all proposed work has been completed along with the addition of the following items:

- monitoring wells (8 gas and 2 water) installed
- survey monuments installed on the riverbank to determine movement of riprap
- city water hook-up of two residents where water wells were installed.

The immediate threat to public health and the environment has been stabilized at this time.

QUANTITIES REMOVED: 296 empty drums were buried on-site and several state-designated "hot spots" were capped with clay. A 14 acre area was cleared of vegetation was shred and disposed of on-site.

EFFECTIVENESS OF REMOVAL:

The true effectiveness of the riprap placement cannot be determined until a major flood occurs in the area. At this time, with the many days of rainfall experienced during the cleanup, the riprap protection has not failed and does not seem to be effected. According to the Corp of Engineers, the design chosen should be more than adequate for the landfill.

HAZARDOUS MATERIAL: Lead, Arsenic, Benzene and Chromium

PROBLEMS ENCOUNTERED:

The OSC was informed that there were approximately 25 exposed drums on-site. Upon completion of drum disposal activities, a count of 296 drums were actually recorded.

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FACTS SHEET - Continued

The "hot spot" issue was not very clear from the state's point of view therefore any non-vegetation productive areas were capped. In the latter part of the project the RPM gave more information by pointing out the areas of concern.

Compaction of sand and trash on a 3-3 1/2 : 1 sloped riverbank with a compactor was not effective and following numerous efforts to compact the bank this requirement from EBASCO was set aside.

Last minute additions to the proposed work from the RPM to the OSC that could have been planned for prior to the second Action Memorandum. These additions could have caused numerous delays in receiving funding and completing the project if the OSC had not provided some room for error in the project ceiling.

RECOMMENDATIONS: For future expanded Removal Authority actions the OSC should be informed of all projects that the Remedial Action Section would like for the Removal Section to perform prior to a removal beginning. Such actions would allow the OSC to calculate costs and removal time with more assurance.

Using the Expanded Removal Authority is a means for EPA to complete timely actions and begin delisting of the NPL sites.

OSC: Dora Ann Danner
Edward L. Hatcher

REMOVAL CONTRACTOR: Haztech, Inc.

PROJECT CEILING: \$2,000,000

PROJECT COSTS: \$1,769,779.52

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SECTION I
OSC Report

INTRODUCTION

The Lee's Lane Landfill was placed on the National Priorities List (NPL) for remedial action in December 1982. A Remedial Action Master Plan was completed in May 1983. In April 1986, a Remedial Investigation and Feasibility Study was conducted. The Record of Decision (ROD) was signed 25 September 1986.

Remedial action began on the site in March 1987 and was completed on 20 October 1987. This report is a chronology of the events which took place during this time period. The actions implemented to remove the Lee's Lane Landfill from the NPL, included: sampling and disposal of exposed drums, identifying and covering "Hot Spots", clearing of vegetation from the central tract, riprap placement on approximately 14 acres of riverbank, covering exposed trash with topsoil, sowing the ground with a mixture of grass seed and the installation of gas and water wells for monitoring of any future off-site migration of hazardous materials.

SITE DESCRIPTION

The Lee's Lane Landfill Site is located adjacent to the Ohio River in Jefferson County, approximately 4.5 miles southwest of Louisville, Kentucky (Attachment C - Site Location Maps). The site consists of 112 acres and is divided into three tracts of land designated as the northern, central, and southern tracts. The terrain in the northern and central tracts is gently sloping with the southern tract having one depression with steep slopes. The site area is covered with vegetation ranging from brush to

woodlands. The site lies within the 100 year flood plain of the Ohio River.

The site is bordered on the East and South by a flood protection levee. Borden, Inc., a chemical manufacturer, borders on the northeast with Louisville Gas and Electric Power Plant bordering on the South and Riverside Gardens, a residential development (approximately 1,100 residents) bordering on the East, completing the site boundary. The geology of the site consists of 110 feet of Ohio River alluvium underlain by New Albany Shale approximately 100 feet thick. The water table is approximately 50 feet below land surface with the saturation thickness of the alluvial aquifer at 60 feet. The aquifer flow is toward the Ohio River, with water levels in the aquifer fluctuating with the rise and fall of the Ohio River (NUS, 1987).

SITE HISTORY

The Lee's Lane Landfill name comes from the site's use as a commercial landfill from the late 1940's. Domestic, commercial, solid municipal and industrial wastes were landfilled at the site until 1975. Prior to, and during its use as a landfill, the Hofgesang Company quarried sand and gravel from the site.

The Southern Tract was operated under a permit by the Kentucky Division of Solid Waste from 1971 until 1974, at which time the permit expired. Due to repeated violations of state regulations, the permit was not renewed. The landfill was closed in April 1975.

In March 1975, homeowners in the nearby Riverside Gardens subdivision complained of flash fires around their water heaters. Seven families were evacuated from their homes when an investigation revealed explosive levels of methane gas in the area. Through extensive monitoring, methane gas migration was defined and a collection and venting system was installed in 1980.

In February 1980, the Kentucky Division of Waste Management discovered approximately 400 drums on the site. Among the fifty (50) plus chemicals identified were phenolic resins, benzene, copper, cadmium, nickel, lead and chromium. The drums were removed by the owners of the landfill in September and October of that same year pursuant to a court order. The hazardous wastes found were removed to an approved disposal facility while non-hazardous material was buried on-site.

In December 1982, Lee's Lane Landfill was placed on the National Priorities List.

On 10 March 1987, an Action Memorandum was developed by USEPA for immediate removal and containment of waste materials at the Lee's Lane Landfill. The request was approved by Jack E. Ravan the USEPA Regional Administrator for funding and a project ceiling of \$40,000.

A second Action Memorandum requesting a ceiling increase for the immediate removal action at the Lee's Lane Landfill was initiated on 03 June 1987 for \$1,960,000 raising the total project ceiling to \$2,000,000. The ceiling increase was approved by Jack E. Ravan on 01 June 1987, (Attachment A - Action Memorandum).

SUMMARY OF THE OPERATION

On 16 March 1987, USEPA Region IV and ERCS Contractors, Haztech Inc., and CMC Inc., mobilized to the Lee's Lane Landfill Site. Surface run-off was minimized by capping several state-designated "hot spots" with clay and containing with earth 296 empty drums scattered on the surface of the site.

From 18 May 1987, to 20 May 1987, USEPA Region IV and ERCS Contractors mobilized to the landfill to dig a series of sixteen test pits; five on the southern tract, three on the northern tract and eight on the central tract, to determine the extent of industrial and commercial wastes on the site. The purpose of this testing procedure was to determine the parameters for riverbank containment. Seven samples were taken from the central tract testing pits by Ebasco Services, Inc., a REM III contractor, for analysis. A site investigation was conducted to identify exposed trash and discuss options for disposal. Site Sampling Data and Results can be found in Section V.

On 1 June 1987, a command post was established at the end of Lee's Lane directly adjacent to the flood containment wall. The following objectives were established to begin the implementation of the Record of Decision: 1) clear the central tract (approximately 26 acres) of all brush and standing timber, and remove exposed debris and waste material 2) a 14 acre area of river bank would be sloped to a known elevation of EL440 and lined with Class II rock for bank protection against flooding and 3) the remainder of the central tract area (approximately 12

acres) was to be leveled, covered with topsoil, sloped for proper drainage and seeded with a mixture of grasses (Section V - Record of Decision).

Haztech technicians continued to establish site facilities on 2 June 1987, and heavy equipment operators began clearing the central tract by bulldozing and tree removal. Documentation of work performed can be found in Work Reports as Attachment B.

On 11 June 1987, grading and sloping of the river bank area began. All debris and excess timber were contained in a sink hole area on the southern tract. Future plans for the sink hole area called for grading and covering with top soil and seeding with a mixture of grasses (see Photographs, Section IV).

Bob Howard, an engineer from Ebasco, arrived on-site 14 June 1987, to observe and lend engineering assistance to the OSC. During this period, Mr. Howard and OSC Danner made changes in the depth of the aggregates to increase the stability of the slope. In addition, the filter fabric location was changed to prevent migration of fine material (see Chronological Log in Section III, 16 June 1987 and 23 June 1987).

Tree and brush clearing on the central tract was completed on 1 July 1987. On this same day, placement of Class II rock began at the waterline of the Ohio River. Sloping and grading of the river bank to a point elevation EL 440 marked the starting point for the 3.5:1 slope on the river bank (see Ebasco Specifications, Section VI).

On 08 July 1987, a testing procedure was conducted on a series of geo-textile fabric materials for determination of strength and tear resistance capabilities. On 15 July, a geo-textile fabric (Phillips 66 Super 4NP) was selected and the layering process of river sand, manufactured sand, fabric material, #3 stone and Class II rock began on the river bank slope. The layering process started at the bank's elevation point (EL 440) and continued down to the waterline.

On 27 July 1987, the depth for the placement of the #3 stone was changed from an original three(3) inches to five (5) inches to prevent damage of the underlying filter fabric material by heavy equipment and to prevent the rock from sliding down the slope.

Class II rock placement at the river waterline was completed on 12 August 1987, along with on-slope material layering of river sand, manufactured sand, fabricfilter and #3 stone respectively. The two extreme northeast and southwest central tract end areas that once served as access roads to the waterline were in the process of being sloped, graveled and covered with sand in preparation for filter fabric placement.

On 04 August 1987, the sloping of the Class II rock at the waterline was completed. Also, the placement of Class II rock over #3 stone on the slope had began along with top soil placement on the central tract, starting at the slope (EL 440) and ending at the access road.

A drainage ditch located on the western end of the site, which allows water to run-off across the central tract towards the

river, was rebuilt on 03 September 1987. A new 20 inch diameter pipe was installed and the ditch lined with shale to ensure proper drainage and to prevent erosion. Top soil placement, dress-up and seeding of the sink hole area in the southern tract was completed on 16 September 1987. Also, on the same day, top soil placement between the slope and the access road was completed.

On 25 September 1987, Class II rock placement on the slope from (EL 440) to the river waterline was completed, thus finalizing the river bank containment process. The approximate depth of Class II rock on the slope was 18 inches. By 13 October 1987, the topsoil on the central tract had been seeded with mixed gasses, a steel gate had been erected and installed across the flood containment wall and an eight inch diameter steel barrier had been placed across the site's access road to limit vehicular access to the site. Also, on this date, surveyors with Horne Engineering surveyed six (6) benchmarks known as "Monuments" labeled as M-1 through M-6 for reference and determination of river bank slope movement or sliding (Attachment C - Site Maps).

On 01 October 1987, Haztech technicians, representatives of USEPA Region IV and a drilling crew from Soil and Material Engineers, Inc., mobilized to the site for installation of ten gas and two water monitoring wells. Eight gas wells gas were placed along the flood containment wall and two gas wells were placed in a vacant lot. In the Riverside Gardens neighborhood, two water wells were also placed in residential lots. Details of the well installation can

be found in the Chronological Log, Section III. A Well Location Map and Owner Residential Release Forms can be found in (Section VII). The drilling process was completed by 29 October 1987.

On 24 October 1987, a representative with Park Aerial Surveys mobilized to the site to mark, label and grid the "hot spot" areas and Monuments (Attachment D - Aerial Photographs).

As of 12 December 1987, the Operation and Maintenance Plan for the river bank containment area and gas/groundwater sampling schedule are still under development.

PROJECT COST SUMMARY

EPA Headquarters and EPA Region IV were kept apprised of project expenditures through weekly pollution reports (polreps). Copies of these polreps can be found in Section VIII.

Detailed daily ERCS expenditures are recorded in the Daily Cost Reports (1900-55's) and can be found in Section IX. Daily EPA and TAT expenditures are listed on the Incident Obligation Log which can also be found in Section IX. These costs are supported by the Site Entry and Exit Logs, copies of which can be found in Section X.

The following is a break-down of the total project expenditures:

Budget:

Total ERCS Budget	- \$ 1,840,000.00
Total EPA Budget	- 55,000.00
Total TAT Budget	- 105,000.00

Total Project Budget	- \$2,000,000.00

ERCS Expenditures for the Project:

Total Personnel Cost	- \$ 569,861.50
Total Equipment Cost	- 306,094.65
Total Subcontractor Expendables	- 839,511.29

Total ERCS Expenditures	\$1,715,467.44

TAT Expenditures:

TAT Personnel	-	\$ 41,419.24
Additional Costs	-	403.84

EPA Expenditures:

EPA Personnel	-	\$ 12,489.00
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Total Project Expenditures		\$ 1,769,779.52
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* of budgeted amount 88.49

* budget remaining 11.51

Materials Used In Project:

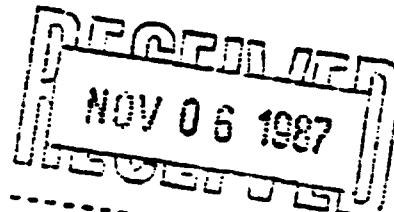
ROCK	AMOUNT	PRICE	5% HANDLING	TOTAL COST
#57 Roadstone	127.00 tons	6.90/ton	46.13	922.60
Shale	711.17 tons	5.95/ton	222.71	4454.18
Class II	39502.50 tons	7.95/ton	16528.67	330573.39
River sand	20416.60 tons	4.50/ton	4835.52	96710.43
Mgf. sand	8701.40 tons	6.15/ton	2816.51	56330.15
#3 stone	11694.70 tons	7.25/ton	4462.45	89248.90
Dense grade	388.85 tons	6.90/ton	141.21	2824.25
Topsoil	11704.00 cu.yds	8.90/cu.yds	5482.40	109648.00
Seeding Materials				7986.00
Fabric Pins				1879.55
Filter Fabric				18375.00
Total Materials Costs				\$ 718,952.45

ATTACHMENT A
Action Memorandum

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ACTION MEMORANDUM

DATE: MAR 10 1987

SUBJECT: Immediate Removal Request for the Lee's Landfill Site,
Louisville, KYFROM: Edward L. Hatcher
On-Scene CoordinatorTO: Jack S. Ravan
Regional AdministratorPURPOSE

This removal request is for authorization to proceed with an immediate removal for \$40,000 at the Lee's Lane Landfill Site in Louisville, KY.

BACKGROUND

A. Incident or Site Setting/Description

1. The Lee's Lane Landfill had been in operation since the late 1940's as a junkyard and landfill. The location of the site is approximately 4.5 miles southwest of Louisville, Kentucky and is located adjacent to the Ohio River. There is a residential development of about 330 homes and 1,100 people within 400 feet of the site. The landfill received domestic, commercial, solid municipal, and industrial wastes (some drummed) over a 27-year period. In 1980, due to detection of high methane gas levels, extensive monitoring to define the gas migration was conducted and venting systems were installed. Groundwater monitoring wells were installed in 1981 which showed high concentrations of metals.

2. General Character of Site

Until March 10, 1972, the Northern and Central tracts of the site were owned by Joseph C. Hofgesang. After his death, ownership went to a private foundation set up in perpetuity as the Hofgesang Foundation. Ernest Court, Inc. owned the Southern Tract until the mid-1960s when the company's name was changed to the Joseph C. Hofgesang Sand Company, Inc. J.R. Pealty, Inc. is the current owner of the Southern Tract. The landfill has been closed since April, 1975.

CONCURRENCES

SYMBOL	4WD-ERR	4WR-ERR	4WD-ERR	4WD-ERR	4WD-ERR			
SURNAME	Hatcher	Rogers	Moein	Stonebraker	Tobin			
DATE	3/11		G.M. 3/11	RDS	3-12-87			

3. Waste Management

Land use at the Lee's Lane Landfill Site has included a sand and gravel quarry, a junkyard and a landfill. Over the 29-year period commercial, industrial, solid municipal and domestic wastes were dumped at the site, some drummed. Explosive levels of methane gas were migrating from the site until 1980 when a venting system was installed. In February, 1980, the Kentucky Department of Hazardous Materials and Waste Management (KDHM) removed the drums containing hazardous materials and transported them to an approved facility. The non-hazardous drums were buried onsite.

B. Quantity and Types of Substances Present

Hazardous contaminants have been identified in the soil, surface water and groundwater onsite. The two "hot spot" areas were estimated to contain concentrations of 2000 mg/ka(rpm) lead and chromium.

The major inorganic contaminants found in the groundwater were arsenic (87 ug/l), barium (1,100 ug/l), cadmium (22 ug/l), chromium (640 ug/l) lead (150 ug/l), manganese (44,000 ug/l) and iron (190,000 ug/l). Lead, arsenic, benzene and chromium were the critical contaminants that required further assessment based on toxicological properties. The landfill contained at least 212,400 tons of mixed industrial waste from firms in the Louisville area.

C. Is the site on the NPL? If so, when is later Remedial Action Expected?

The site is on the NPL. This Removal Action is being requested in order to satisfy part of the Remedy selected in the Record of Decision (ROD). The Remedial Action Section has requested these actions be taken in order to expedite the Removal Construction phase of the ROD.

THREAT

A. Threat of Exposure to Public or the Environment

The site is located some 400 feet from a housing area of approximately 330 homes. Most residents have access to public water; however, eleven homes use wells that tap into the alluvial aquifer and of these eleven, eight are for drinking water wells. The primary concern was that the high levels of chromium in the drinking water could, over a period of years, lead to an increase in liver and spleen problems in residents who drank the water.

The "hot spots" on the landfill are a threat to public health by direct contact. In the past, flash fires have occurred around resident water heaters due to methane gas migration. This has been remedied, although complaints of odors emanating from the site has increased concern for public health threats from air migration.

B. Evidence of Extent of Release

EPA and State sampling have confirmed the presence of contaminants in the soil, ground water and surface water .

C. Previous Actions to Abate the Threat

Previously, venting systems and shallow ground monitor wells were installed at the site. In 1980, a large portion of the drums were either removed (hazardous) or buried onsite (non-hazardous).

D. Current Actions to Abate the Threat

Currently no actions are being taken. The Remedial Action Section is in design stages of the removal action.

ENFORCEMENT

There are approximately 700-800 companies, individuals or other that made use of the landfill, of these, 30 are considered to be PRPs. Notice letters have been sent to current and former owners and operators of the site, and to companies and individuals who may have disposed at the site. A steering committee has been formed by the PRPs which is aware of the remedy chosen for removal actions.

PROPOSED PROJECT AND COSTS

A. Objectives of the project

The Lee's Lane Landfill Site located near Louisville, Kentucky requires immediate actions to inhibit endangerment to public health and/or the environment. There are approximately 25 exposed drums left on the site along with a "hot spot" area that need immediate attention. Public access to the site should be prevented and signs of caution need to be posted.

In order to address these issues the following actions must be taken:

1. The exposed drums must be sampled in order to determine if they contain hazardous wastes.
2. The drums will be moved back onto a secure area of the site and buried on site and covered with a clay cap. If the contents of the drums are found to be non-hazardous, the material will be disposed of onsite. If the material is found to be hazardous, it will be transported to an approved disposal facility.

3. The "hot spot" areas will be capped according to design.
4. Erect a safety gate to prevent access to the site.
5. Post signs for cautionary purposes at the site.

This action should take approximately 5 days with an estimated cost of \$40,000.

B. Costs

Cleanup Contractors	\$30,000
TAT Costs	5,000
Intramural (HQ and Region)	<u>5,000</u>
Total Project Ceiling	\$40,000

C. Project Schedule:

Projected start date of removal is for March 16, 1987 and completion by March 31, 1987.

D. If applicable, describe how actions will be consistent with remedial plan.

These actions are being conducted at request of the Remedial Action Section to satisfy a portion of the Remedy selected in the Record of Decision.

REGIONAL RECOMMENDATION

Because conditions at the site meet the MCP section 300.65 (b)(2) criteria for a removal, I recommend your approval of the proposed removal action. The estimated total project costs are \$40,000 of which \$30,000 are for extramural cleanup contractor costs. I recommend your approval to expedite response actions due to the nature of the threat.

Approve: _____ Date: _____

Disapprove: _____ Date: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET
ATLANTA, GEORGIA 30363

PPCPM RD
NOV 06 1987
RECEIVED

ACTION MEMORANDUM

DATE: JUN 03 1987

SUBJECT: Ceiling Increase Request For The Immediate Removal Action
At the Lee's Lane Landfill Site, Louisville, Kentucky

FROM: Dora Ann Danner *Eduard J. Hohler Jr.*
On-Scene Coordinator

TO: Jack E. Ravan
Regional Administrator, Region IV

PURPOSE

The purpose of this action memorandum is to request an increase in funds for the implementation of the remedy as stated in the Record of Decision at the Lee's Lane Landfill Site in the amount of \$1,960,000 which will raise the ceiling to \$2,000,000. This increase is required to purchase and apply riprap to the central portion of the riverbank and address exposed areas of the landfill with clay cover or topsoil and seed. A substantial threat of release into the environment of pollutants and contaminants from the exposed landfill and from erosion of the bank along the Ohio River exists at this time and may worsen if response is delayed at the site.

DISCUSSION

On March 16, 1987 initial removal actions were taken to address the proposed project stated in the original action memorandum. The objectives of the project were as follows:

1. Exposed drums must be sampled in order to determine if they contain hazardous wastes.
2. The drums will be moved back onto a secure area of the site and buried on-site and covered with a clay cap. If the contents of the drums are found to be non-hazardous, the material will be disposed of on-site. If the material is found to be hazardous, it will be transported to an approved disposal facility.
3. The "hot spot" areas will be capped.
4. Erect a safety gate to prevent access to the site.
5. Post signs for precautionary purposes at the site.

On March 18, 1987 the proposed work had been completed and ERCS, TAT, and EPA personnel were demobilized.

On April 21, 1987 a meeting was held with the Remedial Action Section and the Emergency Response & Control Section to discuss to what extent the Expanded Removal Authority might be utilized during the Remedial Design phase. Decisions were made to implement the removal authority in order to install the riverbank protection controls as stated in the Record of Decision. In order to achieve this, test pits were needed along the riverbank as a determinant of landfill and riverbank boundaries which would be necessary for design.

On May 18, 1987 HazTech, CMC, TAT, EBASCO and EPA personnel were mobilized to the landfill site. Twenty test pits were to be dug along the riverbank joining the landfill; five(5) each in the northern and southern tracts, ten(10) in the central tract. Upon arrival signs that had previously been posted had been shot off of the safety gates and the gates, although still intact, had been rammed by large trucks. Decisions were made to install numerous signs at various places on the site. On the morning of March 20, 1987, EPA, HazTech and TAT were demobilized after work had been completed.

The test pits that were dug to aide EBASCO in their conceptual design of the bank protection needed to limit if not diminish the threat of pollutants from the landfill flowing directly into the Ohio River and contaminating it's waters.

PROPOSED PROJECT

The scope of work for the Lee's Lane Landfill Site will consist of the following:

1. Clearing of vegetation from the proposed area to be riprapped.
2. Placing riprap onto approximately 14 acres of riverbank as designed.
3. Covering exposed trash on the southern corner of the landfill with clay and seeding that area.
4. Post additional signs on the site.

The work to be completed by the Emergency Response & Control Section will implement the majority of the remedy as stated in the Record of Decision. It is estimated that the cleanup action will take approximately three months.

COST TO COMPLETE PROJECT

Previously Authorized Costs:

Extramural Costs	\$30,000
Intramural Costs	\$10,000

 \$40,000

Costs Required to Complete Project:

Extramural Costs	\$1,810,000
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Intramural Costs

EPA	\$ 50,000
TAT	\$ 100,000

 Total \$ 150,000

Total Additional Costs

 \$1,960,000

Previous Costs

 \$ 40,000

Total Completion Costs

 \$2,000,000

REGIONAL RECOMMENDATION

To eliminate the continuing threat posed to the nearby public and the environment consistent with the removal criteria contained in section 300.65 of the National Contingency Plan, I recommend you approve this \$1,960,000 ceiling increase request. The additional funds will be used to riprap the central tract of the landfill that joins the riverbank. This effort will prevent the threat of pollutants contaminating the Ohio River from the landfill. Your approval would raise the total project ceiling from \$40,000 to \$2,000,000. You may indicate your approval or disapproval by signing below.

APPROVE:

Lee G. Dohmen, Acting

DATE:

June 5, 1987

DISAPPROVE:

DATE:

REFILED
NOV 06 1987

MEMORANDUM

DATE: June 25, 1987

SUBJECT: Action Memorandum Concerning the Ceiling Increase Request for the Lee's Lane Landfill Site, Louisville, Kentucky

FROM: Dora Ann Danner ^{T-20}
Federal On-Scene Coordinator, Region IV

TO: Mr. Rodney Cartwright
U.S. EPA Headquarters
400 South Capitol Street, SW
Washington, D. C. 20460

The Action Memorandum dated June 3, 1987 proposed the completion date for the project as three months. At the present time, the three months deadline was for September 1987, no foreseen changes will be made concerning this deadline.

Thank you for bringing this to my attention, and I hope I have clarified the completion time for the action to be taken at this site.

ATTACHMENT B

Work Reports

WORK REPORT

Work Site	Work Period
Lee's Lane Landsc. #1	From 3/16/87 To 3/18/87
Contractor <u>Walter</u> Contractor Rep.	OSC <u>Walter/Dinner</u>
Work Planned/Authorized	Work Accomplished
<ul style="list-style-type: none"> ① Bur. exposed drums ② Cap "hot spots" ③ Erect a gate to limit access ④ Post warning signs 	<ul style="list-style-type: none"> ① 296 drums buried ② "hot spots" capped with clay ③ Installed 2 gates with locks ④ Warning signs posted at access points.
Equipment Planned/Authorized	Equipment Used
Backhoe Dump truck Tractor (for backhoe) Pick up truck	Backhoe Dump truck Tractor Pick up truck
Comments	
* See site log for details	
Contractor Signature	OSC Signature
Date	Date

WORK REPORT

Work Site	Work Period
Lee's Lane Landfill	From 5/10/87 To 5/10/87
Contractor Staytech Contractor Rep.	OSC Danner
Work Planned/Authorized	Work Accomplished
<ul style="list-style-type: none"> ① dig test pits ② locate boundary for confinement ③ locate exposed trash 	<ul style="list-style-type: none"> ① 16 test pits dug ② confinement boundary located ③ Exposed trash surveyed
Equipment Planned/Authorized	Equipment Used
track hoe	track hoe
Comments	<p>* See site log for details</p>
Contractor Signature	OSC Signature
Date	Date

WORK REPORT

Work Site <u>Lee's home landfall</u>	Work Period From 6/18/87 To 6/19/87
Contractor <u>Starfish</u> Contractor Rep.	OSC <u>Danner</u>
Work Planned/Authorized	Work Accomplished
<ul style="list-style-type: none"> ① Mobilize equipment ② Set up command post ③ telephone service ④ electrical connection 	<ul style="list-style-type: none"> ① Tractor, bulldozer, trackhoe mobilized ② Temporary CP set up ③ Installed telephone service ④ electrical utility utility pole installed
Equipment Planned/Authorized	Equipment Used
Tractor bulldozer trackhoe	Tractor bulldozer trackhoe dump truck chippin RV
Comments	* See site log for details
Contractor Signature	OSC Signature
Date	Date

WORK REPORT

Work Site	Work Period
Lee's Lane Ranch	From 6/10/87 To 7/13/87
Contractor Joe Felt	OSC Planner
Contractor Rep.	
Work Planned/Authorized	Work Accomplished
<ul style="list-style-type: none"> ① Cut + remove trees from central section ② Remove stumps + debris ③ Confine slope to 3.5'-1 ④ Begin class II placement at waterline 	<ul style="list-style-type: none"> ① Trees cleared by 7/1/87 ② Stump + debris removal continues ③ Sloping continues ④ Begin class II placement at waterline
Equipment Planned/Authorized	Equipment Used
<ul style="list-style-type: none"> 2 Trackhoes 4 bulldozers 2 bucket loaders 2 dump trucks 2 Chainsaws skidder 	<ul style="list-style-type: none"> 2 trackhoes 4 dozers 2 loaders 2 dump trucks 2 chainsaws skidder Gully Ergo. Factor Command Post

Comments

* See site log for details

Contractor Signature

OSC Signature

Date

Date

WORK REPORT

Work Site	Work Period From 7/16/87 To 7/15/87
Contractor Contractor Rep.	OSC
Work Planned/Authorized ① Continue sloping ② Test various filter fabrics for fear resistance ③ Continue place & rock placement at waterline	Work Accomplished ① Sloping continues ② S.I.s accepted, various fabrics tested - Phillips 66 Super 401 selected 15,000 yds ² ordered ③ Place & placement continues at waterline
Equipment Planned/Authorized 3 dozers 2 track hoes 2 dump trucks 2 bucket loaders 2 Compactors	Equipment Used 5 dozers 2 track hoes 2 dump trucks 2 bucket loaders 2 Compactors
Comments * See site log or letters	
Contractor Signature	OSC Signature
Date	Date

WORK REPORT

Work Site <u>Lee's Lane Landfill</u>	Work Period From 8/29/87 To 8/29/87
Contractor <u>Wockels</u>	OSC <u>Danner</u>
Contractor Rep.	
Work Planned/Authorized ① Complete class II placement on slope ② Complete placement of topsoil on cl. 440 ③ Complete topsoil placement on backfill area ④ Line storage lots w/ <u>shale</u> ⑤ Seed cl. 440	Work Accomplished ① Completed class II placement on slope ② Completed placement of topsoil on cl. 440. ③ Completed placement of topsoil on backfill area ④ Completed storage lining
Equipment Planned/Authorized 3 Dozers Towder	Equipment Used 3 Dozers Towder
Comments * See site log for details	
Contractor Signature	OSC Signature
Date	Date

WORK REPORT

Work Site	Work Period
Lee's Lane Landfill	From 5/29/87 To 10/20/87
Contractor	OSC
Contractor Rep. <i>Hoss Fitch</i>	<i>Danner</i>
Work Planned/Authorized	Work Accomplished
<ul style="list-style-type: none"> ① Seed c/a 440 ② Install security gate ③ De mobilize all equipment ④ Install bench marks ⑤ Install Gas + water monitoring wells 	<ul style="list-style-type: none"> ① St. 440 Seeded ② Security gate installed ③ Equipment Demobilized ④ 5 bench marks installed ⑤ 10 Gas + 2 water monitoring wells installed
Equipment Planned/Authorized	Equipment Used
2 tractors disk	2 tractors disk

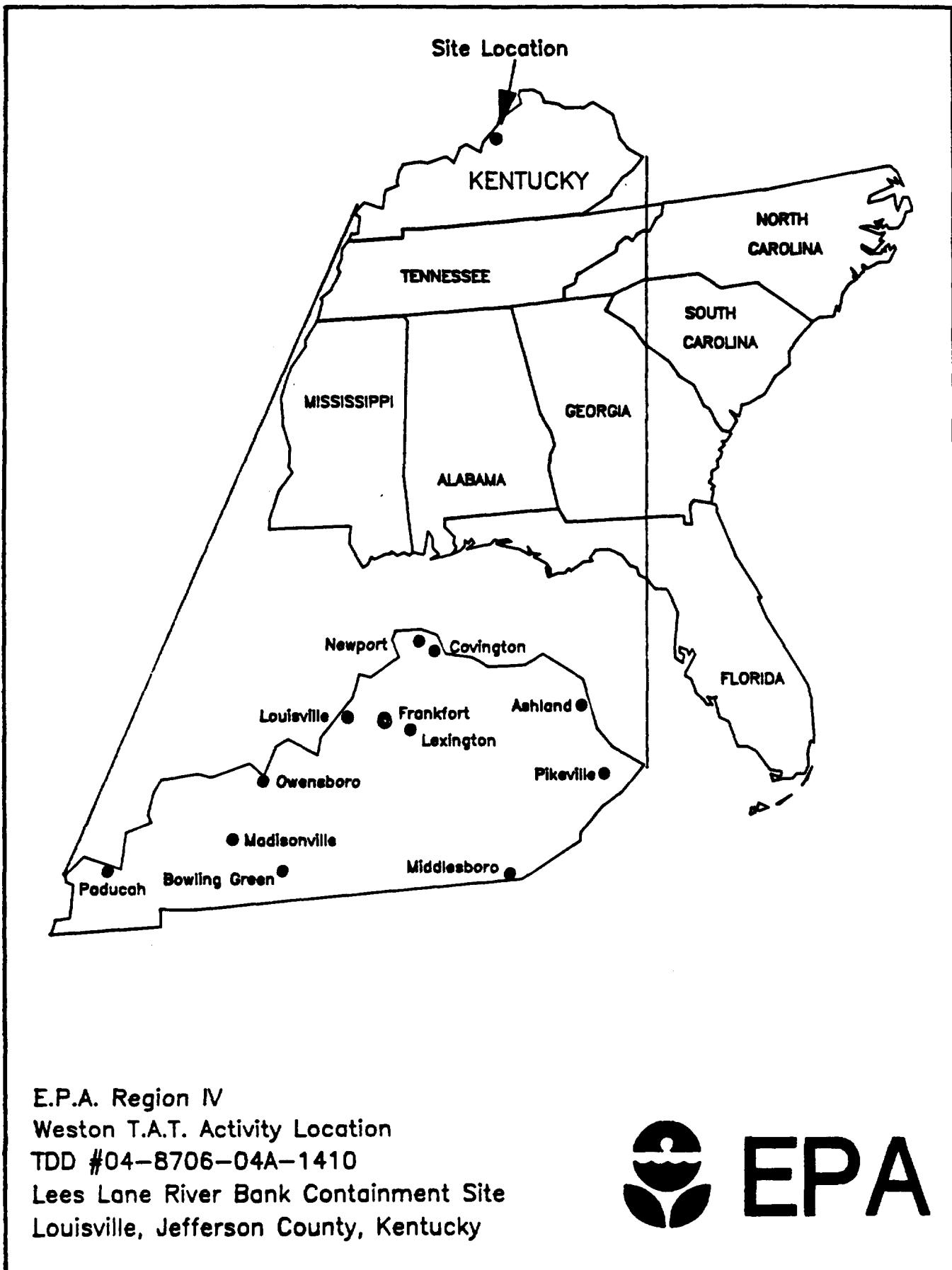
Comments

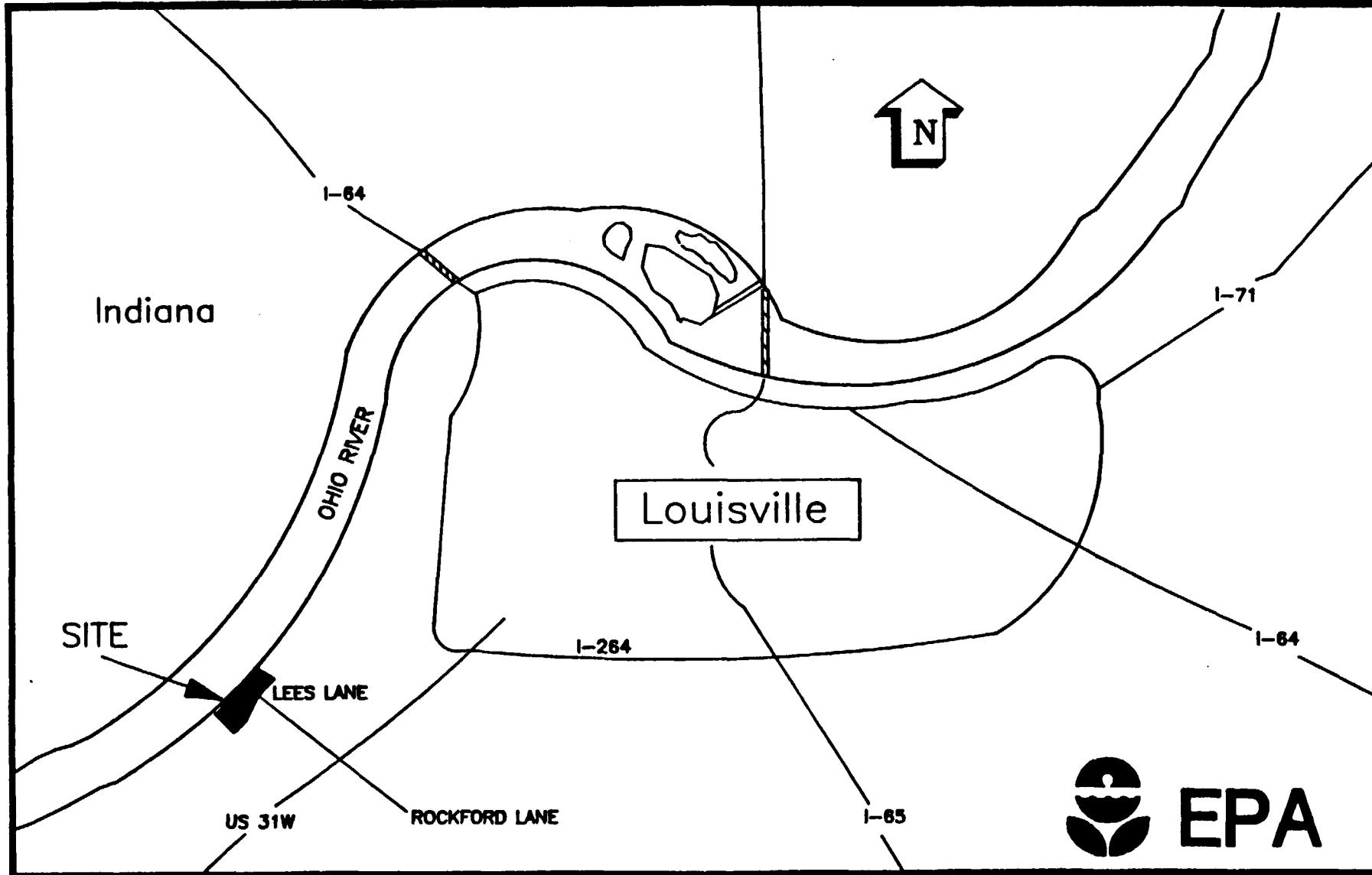
* See site log re Leaks

Contractor Signature	OSC Signature
Date	Date

ATTACHMENT C

Maps





WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Site Location Map

Louisville, Jefferson Co., Kentucky

SITE: Lees Lane Landfill

TDD NO.: 04-8706-04B-1410

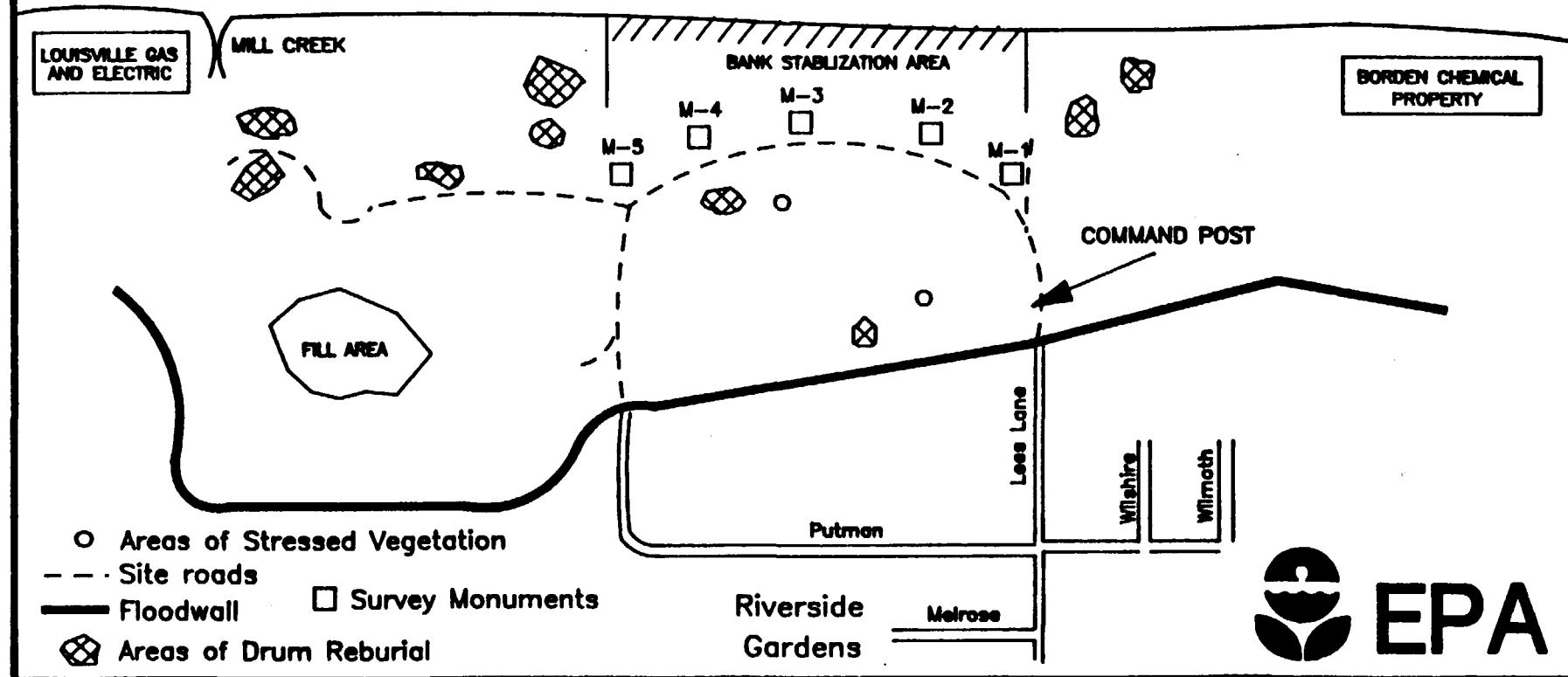
DATE: 15 December 1987



Indiana

NORTH

OHIO RIVER



WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Site Map

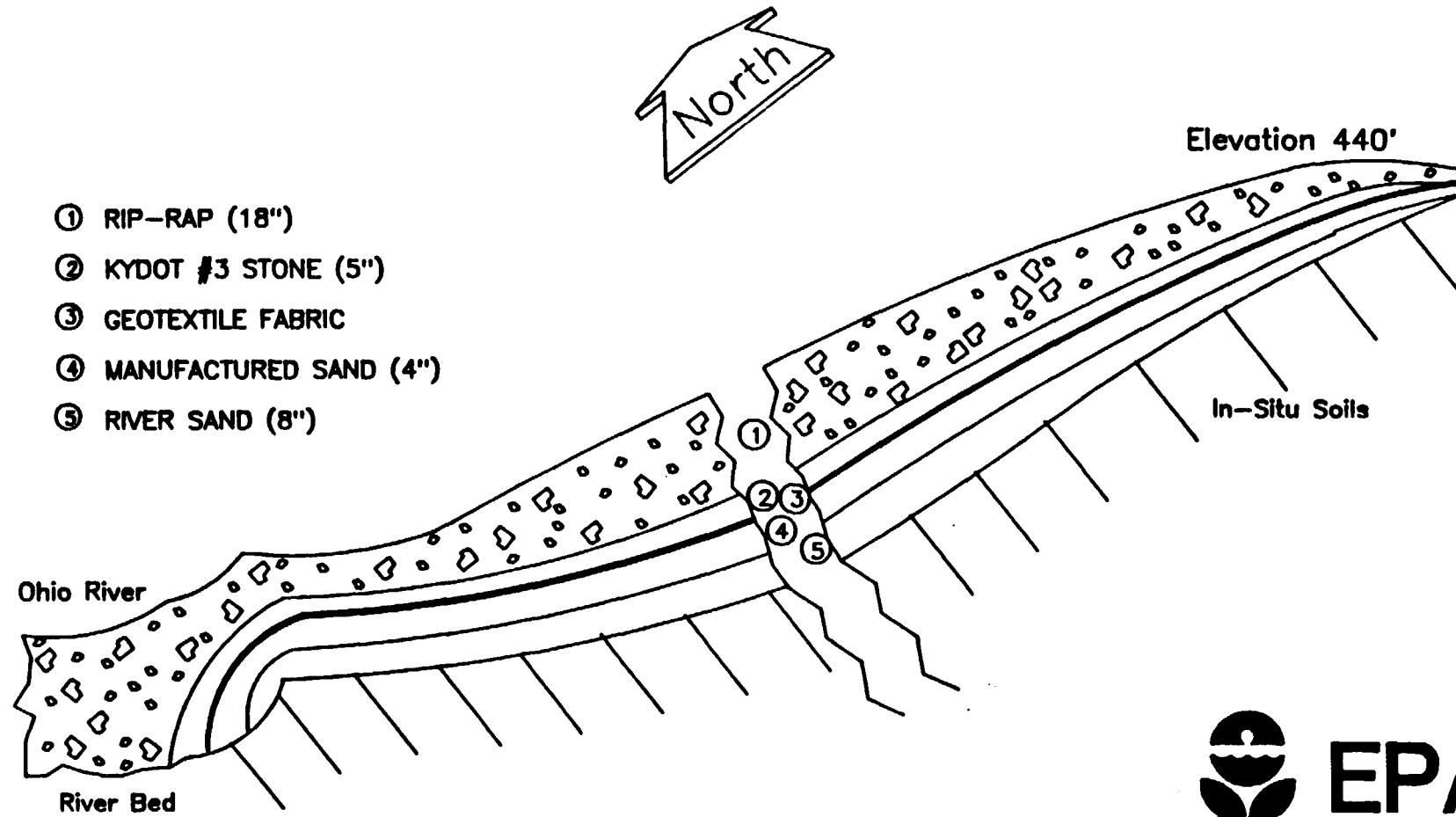
SITE: Lees Lane Landfill

TDD NO.: 04-8706-04

DATE: 16 December 1987



- ① RIP-RAP (18")
 ② KYDOT #3 STONE (5")
 ③ GEOTEXTILE FABRIC
 ④ MANUFACTURED SAND (4")
 ⑤ RIVER SAND (8")



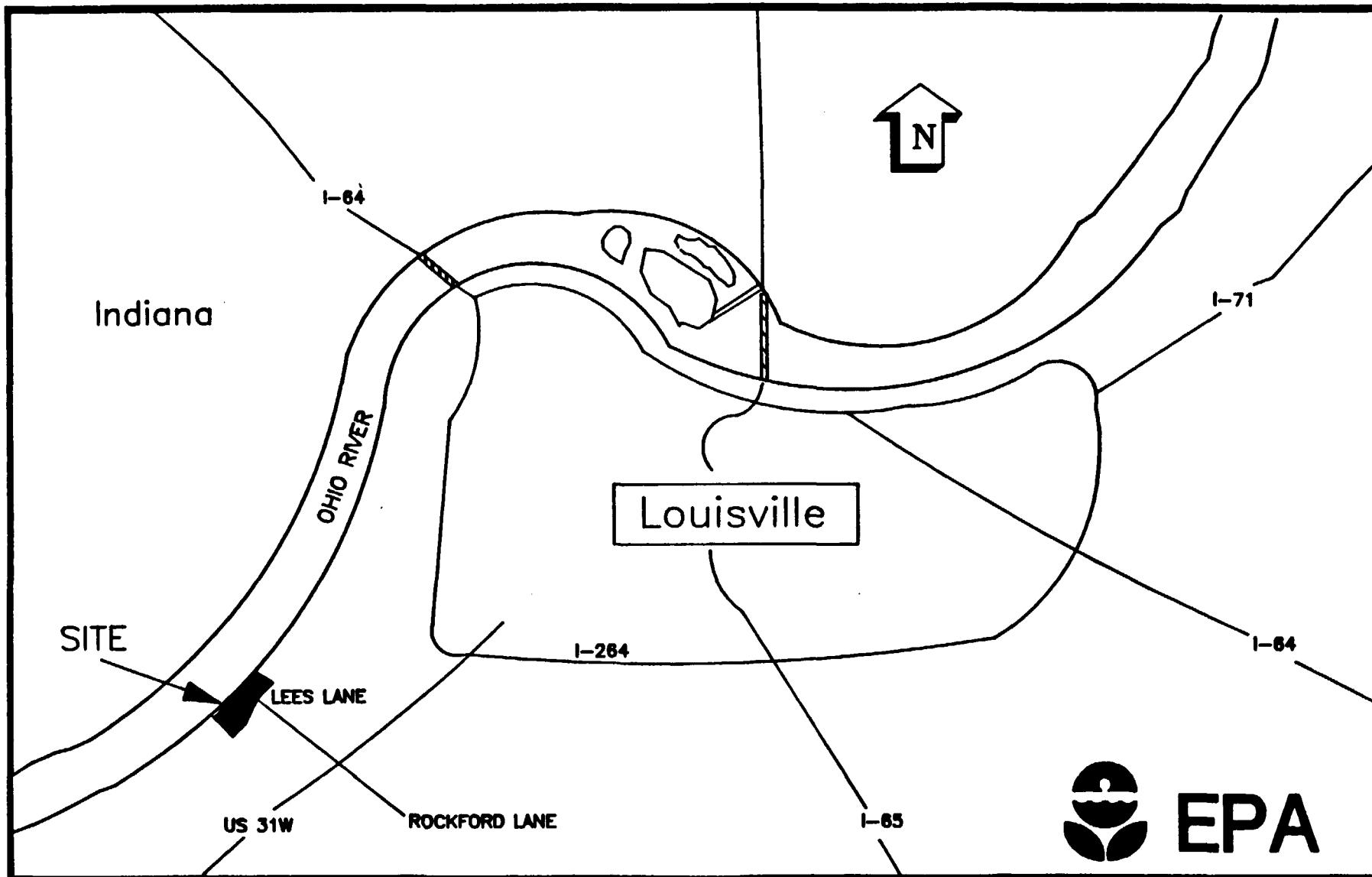
WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Cross section of river
bank stabilization materials

SITE: Lee's Lane Landfill

TDD NO.: 04-8706-04

DATE: 17 December 1987



WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Site Location Map

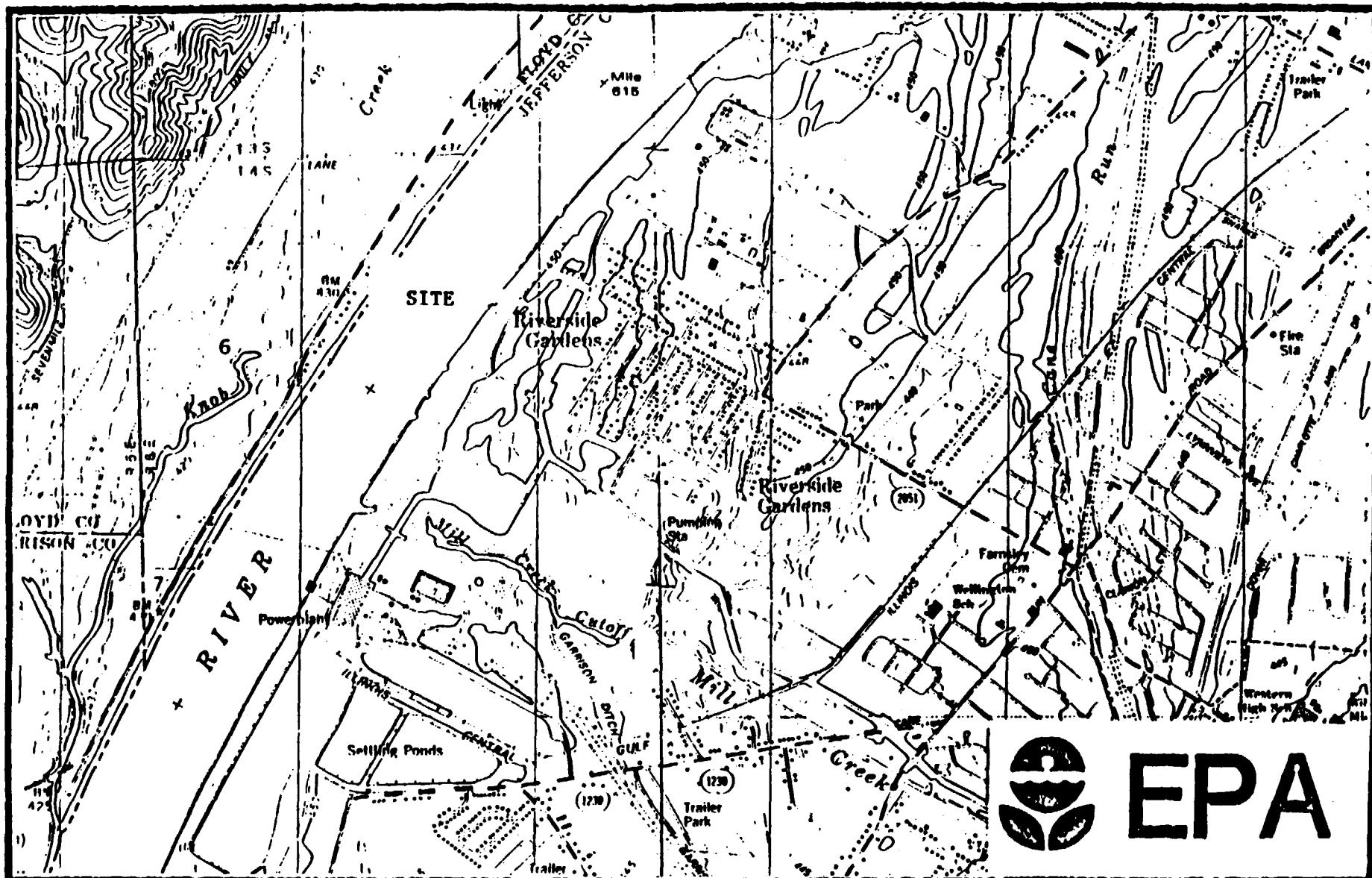
Louisville, Jefferson Co., Kentucky

SITE: Lees Lane Landfill

TDD NO.: 04-8706-04B-1410

DATE: 15 December 1987





WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Site locational map from U.S.G.S.

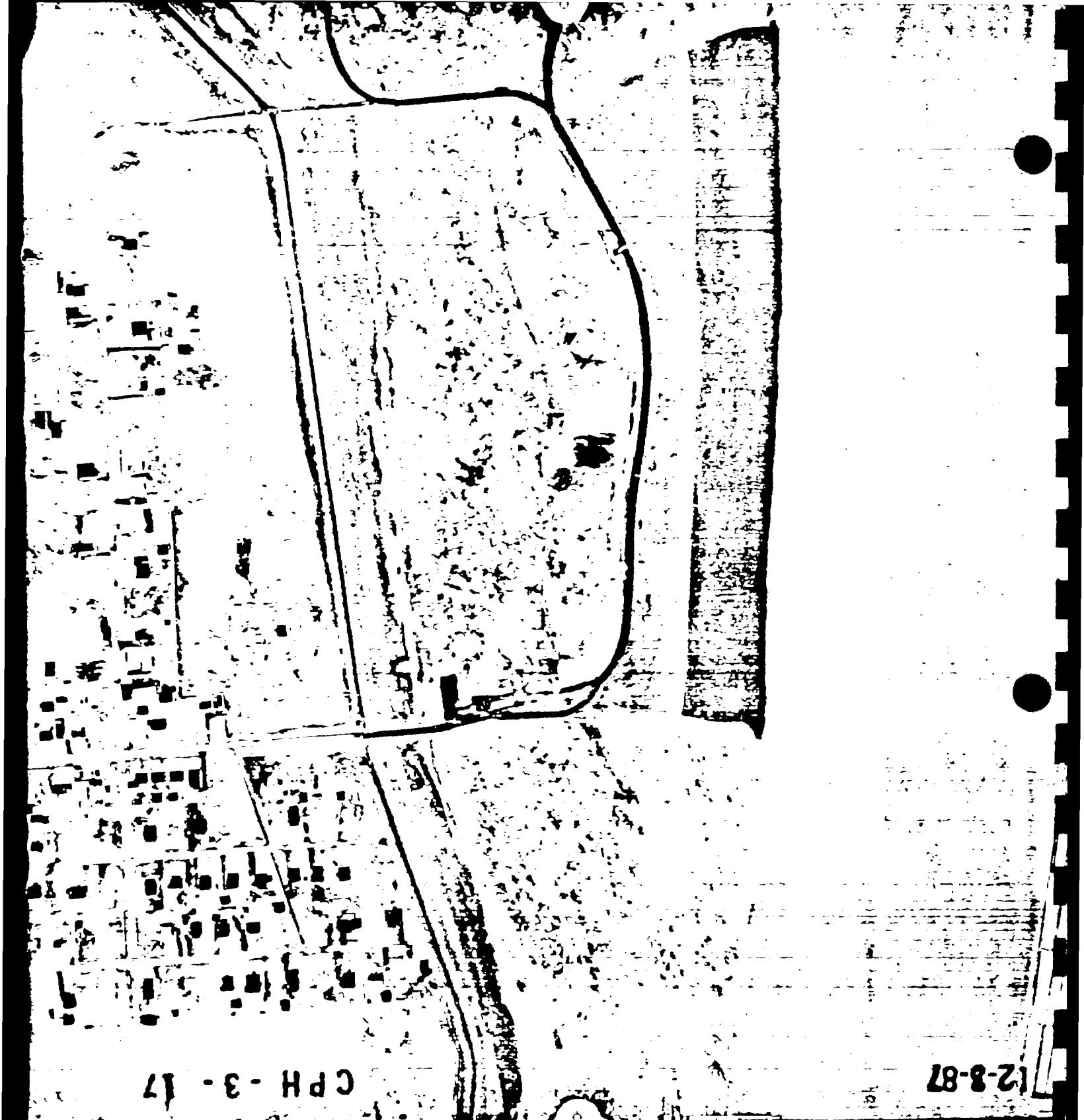
Louisville West and Lanesville Quadrangle Scale 1:240

SITE: Lees Lane Landfill, Louisville, KY.

TDD NO.: 04-8706-04

DATE: 16 December 1987

ATTACHMENT D
Aerial Photograph



CPH - 3 - 17

12-8-87

ATTACHMENT E
Site Safety Plans

WESTON SUPER DIVISION
HAZARDOUS WASTE SITE INVESTIGATION AND EMERGENCY RESPONSE
SAFETY PLAN

Assignor: Tim EGGERT REGION IV
Date of Inspection: _____ TDD No. 4-8703-3D, 64-8706
Original Safety Plan: Yes / No _____ FCS No. 1065

Site Name: LEE'S LANE LANDFILL

Site Address: Street No. Terminal of Leeks Lane
City Bell Buckle
County Jefferson
State KY Zip Code 40314

Site Contact: Eric

Directions to Site: T-264 WEST TO CAMP GROUND RD.
Camp Ground Road West To Lee's Lane - RIGHT ON
Lee's Lane Follow Until It Dead Ends

Map Attached: Yes / No

If Remote Location: Latitude _____ Longitude _____

SITE HISTORY: All Site Structuresitus, etc to be removed
- Encapsulation of autoclaved drums in effluent to dell
- Site from NPL

INCIDENT DESCRIPTION (check one from A, B, and C)

Type: A) Soil / Air Release Fire HW Site / Other

B) Assessment Sampling Emergency Response

Clean-up/Removal Other (specify) Containment

C) Urban/Residential / Commercial Industrial

Rural Remote

PHYSICAL DESCRIPTION

Size of Site: 125 Acres Terrain: Level to sloping Weather: mild

Containers involved in the release or incident

Drums / No. 296 Tanks No.

Truck License No. Tanker Box

Railroad Car Tank No. Box No.

Soil Source Approx. Vol.

Other drums empty or contain inert solid materials

MATERIALS INVOLVED:

Name	TLV	IDLH	Overexposure Symptoms
MECHANIC			Headache, drowsiness
VINYL CHLORIDE	5		Headache, drowsiness

SPECIAL HAZARDS:

ANTICIPATED LEVEL OF PROTECTION (circle one): A B C D

WHY: Hazard made an initial entry, and the level of protection required was determined to be

FIRST AID INSTRUCTIONS FOR KNOWN CONTAMINANTS: Skin Contact: Wash immediately. Inhalation: Fresh air, artificial respiration if necessary, transport to hospital.

PERSONNEL EXPOSURE HAZARDS: (H=hight, M=moderate, L=low, U=unprotected)

Inhalation ✓ Skin Contact ✓ Ingestion ___ Radioactive ___
Ecological ___ Fire ___ Explosion ___ Unknown ___

PERSONNEL PHYSICAL SAFETY HAZARDE:

Heat ___ Cold ___ Noise ___ Underground Utilities ___
Overhead Utilities ___ Heavy Equipment ✓ Slip, Trip, Fall ___
Sharp Objects ___ Pressurized Airlines ___ Cyclinders ___
Ladders ___ Scaffolds ___ Unguarded Openings-Wall, Floor ___
Liquids in Open Containers, Ponds, Lagoons ✓

ACTIONS TAKEN ON SITE:

Was Entry Made: YES NO

Equipment Used: (circle) LEVEL A B C Why: Haztech made
---- an initial search and based upon the results, selected pieces
--- was determined to be D

SCEA _____ AFR _____ Model _____ Cart./Car. Type _____

Tyvek _____ Poly Tyvek _____ Saran Tyvek _____ Acid Suit _____

Rain Gear _____ Cotton Coveralls _____

Gloves: Inner ___ Euty ___ Nitrile ___ Viton ___ Other ___

Foot Gear: Safety Boots Outer Boots ___ Booties ___ Other ___

Description of Decontamination Used: Equipment dip (segregated), boot
and glove wash and rinsing

AIR MONITORING Performed by: R. DOYLE, T. EGERT

Instrument Readings: Radiation Meter _____ CGI 0

OVA _____ HNU _____ Detector Tube _____

Other _____

Wind: Slight Direct or Vertical Temp. 65° Rel. Hum. ____ E.F. ____

Summarize Air Monitoring Data: Gases in 200 ft. from stepped down
were excavated there was thought to be a chance for leakage inside No readings
were detected at the former tank farm.

SWEEPING Performed by: _____

Sampling Plan (Y or N) ____ If yes attach copy to safety plan

No. of Samples: Solid _____ Liquid _____ Gas _____ Other _____

Laboratory: _____

Has Lab Been Notified of Potential Hazard Level? Yes ____ No ____

Analyses: _____

Sampling Comments: _____

DOCUMENTATIONPerformed by: R. DOYLE T. EGGERTType: Photo Log Book Recorder Video PUBLIC IMPACTDistance to Nearest : Residence 200ft School Hospital Public Building Other Evacuation: Yes No Number By whom: _____ENVIRONMENTAL IMPACT:Nearest Waterway: Ohio River Distance: western bank
at site

<u>Condition</u>	<u>Observed</u>	<u>Potential</u>	<u>Name</u>
Surface Water Contamination	-----	✓	-----
Ground Water Contamination	-----	-----	-----
Drinking Water Contamination	-----	✓	-----
Air Contamination	-----	-----	✓
Sed. Contamination	-----	-----	-----
Stressed Vegetation	-----	-----	✓
Dead Fish, Other Animals	-----	-----	✓

PERSONNEL INVOLVED: (NAME, AGENCY, PHONE, ON or OFF SITE)SITE MANAGER: Ed Hartshorn / Dora Ann Damoc, EPA Region V, (414) 347-2216SITE SAFETY COORDINATOR: Tim Eggert / R. Doyle, TAT Region 2, (502) 491-0977Have Read & Understood The
Site Safety Plan (check)

EPA

TAT

STATE

OTHER

EMERGENCY INFORMATION

EMERGENCY PHONE NUMBERS:

	<u>Location</u>	<u>Phone</u>	<u>Notified(Y/N)</u>
Fire	-----	911-----	N-----
Police	-----	911-----	N-----
Ambulance	-----	911-----	N-----
Hospital	315 E. BROADWAY	562-2119	-----

Nearest Phone: FOOD MARKET, CORNER OF LEE'S LN & PRIMAN -----

DIRECTIONS TO HOSPITAL: (ATTACH MAP)

Lee's Ln East to Cameron Rd. Left on Cameron (North) to J-269. J-269 West to J-64 East. Get off J-64 at J-65 South. J-2 Jefferson St / Book St. Left. Follow ~~J-65~~ ST 1/2 block down J-269. Take Lee's Ln East to Preston. Take Preston 4 blocks south. Emergency entrance on right.

ADDITIONAL EMERGENCY PHONE CONTACTS:

CHEMTRAC	(800) 424-9300
TSCA HOTLINE	(800) 424-9225, (202) 554-1404
CDC	(404) 453-4100 (day), (404) 325-2888 (night)
BUREAU OF ALCOHOL, TOBACCO & FIREARMS	(800) 424-9555, (202) 555-7777
NATIONAL RESPONSE CENTER	(800) 424-8800
WESTON MEDICAL EMERGENCY SERVICE	(513) 421-3003 (24 hour)
WEETON 24 HOUR HOTLINE	(216) 524-1525, 1526
PESTICIDE INFORMATION SERVICE	(800) 645-7833
EPA EMERGENCY	(201) 321-8888
RCRA HOTLINE	(800) 424-5346
BUR. OF EXPLOSIVES, A.A. RAILWAYS	(202) 635-9000

Prepared by: Ray Dug Date: 3/30/87

Reviewed by: _____ Date: _____

Approved by: _____ Date: _____

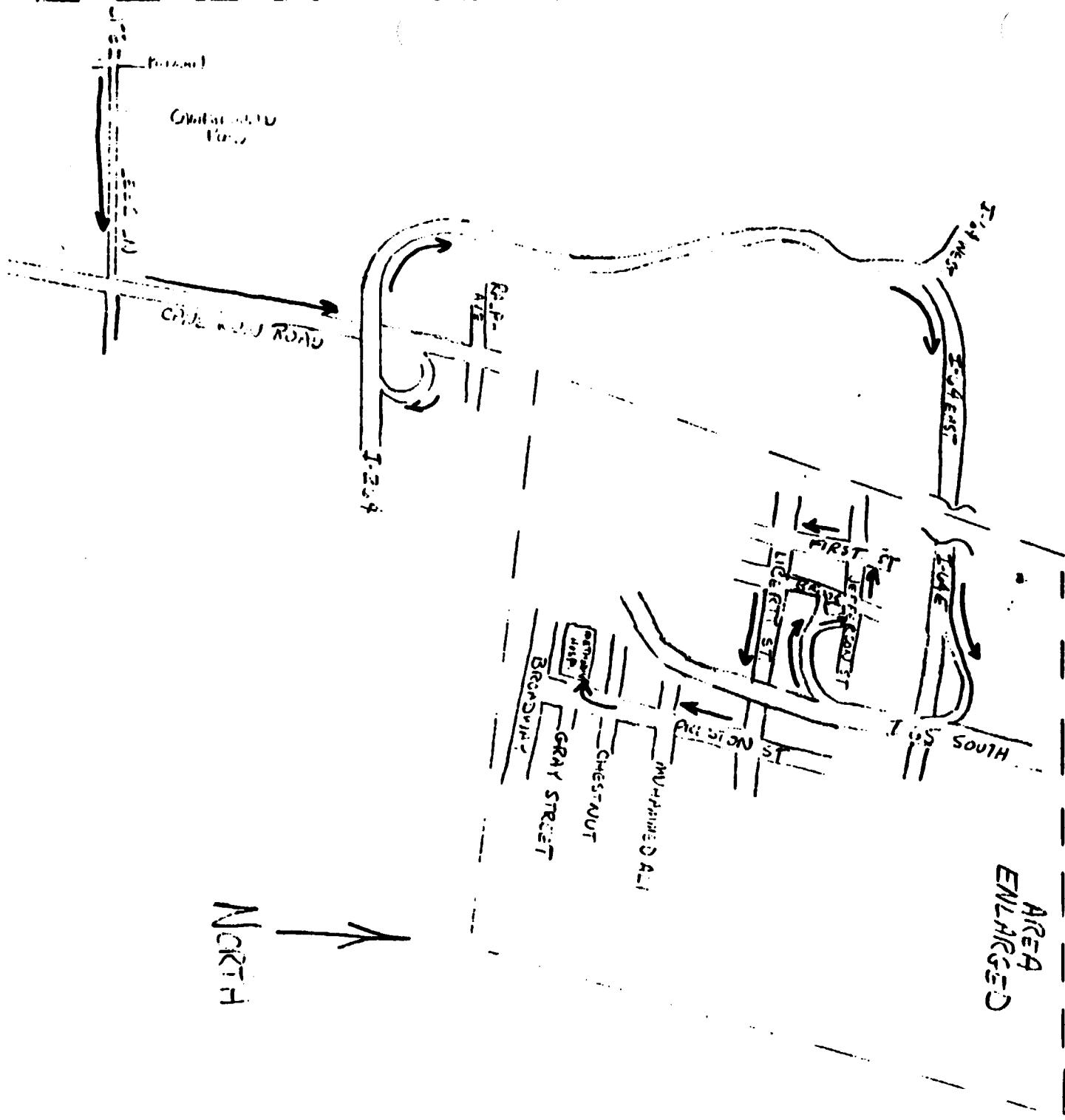
EFER HSD Review by: _____ Date: _____

Followup Required: Yes _____ No _____

Followup Performed: Date: _____ Wth: _____

Comments: _____

ROUTE TO:
METHODIST HOSPITAL
FROM:
LEE'S LANE LANDFILL



JOB safety and health protection

Proposed Penalty:

For violating the Act, a citation assessing such
penalties will be issued. Employer shall
cease, desist by a date and within which
the alleged violation must be corrected.

The OSHA citation will be prominently dis-
played at or near the place of alleged violation
for three days. In case it is determined otherwise
is later, to warn employees of danger this may
take form:

The Act provides for monetary penalties
against employers of up to \$1,000 for each
serious violation and for criminal penalties of
up to \$1,000 for each nonserious violation.
Violations of up to \$1,000 per day may be im-
posed for failure to correct violations within the
proposed time period. Also, any employer who
willfully or recklessly violates the Act may be
assessed penalties of up to \$10,000 for each
such violation.

Criminal penalties are also provided for in the
Act. Any willful violation resulting in death of an
employee, upon conviction, is punishable by a
fine of not more than \$10,000 or by impris-
onment for not more than one month, or by both.
Conviction of an employer after a first conviction
doubles these maximum penalties.

Voluntary Activity:

The Occupational Safety and Health Act of 1970
provides job safety and health protection for
workers through the promotion of safe and
healthful working conditions throughout the
nation. Requirements of the Act include
the following:

Employers:

Each employer shall furnish to each of his
employees employment and a place of
employment free from recognized hazards
that are causing or are likely to cause death
or serious harm to his employees; and shall
comply with occupational safety and health
standards issued under the Act.

Employees:

Each employee shall comply with all
occupational safety and health standards,
rules, regulations and orders issued under
the Act that apply to his own actions and
conduct on the job.

The Occupational Safety and Health Adminis-
tration (OSHA) of the Department of Labor has
the primary responsibility for administering the
Act. OSHA issues occupational safety and
health standards, and its Compliance Safety
and Health Officers conduct jobsite inspections
to ensure compliance with the Act.

Inspection:

The Act requires that a representative of the
employer and a representative authorized by
the employee be given an opportunity to ac-
company the OSHA inspector for the purpose
of aiding the inspection.

Where there is no authorized employee repre-
sentative, the OSHA Compliance Officer must
consult with a reasonable number of employees
concerning safety and health conditions in
the workplace.

Complaint:

Employees or their representatives have the
right to file a complaint with the nearest OSHA
office requesting an inspection if they believe
unsafe or unhealthy conditions exist in their
workplace. OSHA will withhold, on request,
names of employees complaining.

The Act provides that employees may not be
discharged or discriminated against in any way
for filing safety and health complaints or
otherwise exercising their rights under the Act.

An employee who believes he has been
discriminated against may file a complaint with
the nearest OSHA office within 30 days of the
alleged discrimination.

While providing penalties for violations, the Act
also encourages efforts by labor and management,
before an OSHA inspection, to reduce
injuries and illnesses arising out of employment.

The Department of Labor encourages employers
and employees to reduce workplace hazards
voluntarily and to develop and improve safety
and health programs in all industries and
industries.

Such cooperative action would initially focus on
the identification and elimination of hazards
that could cause death, injury, or illness to
employees and supervisors. There are many
public and private organizations that can pro-
vide information and assistance in this effort,
if requested.

**More
Information:** Additional information and copies of the Act,
specific OSHA safety and health standards,
and other applicable regulations may be
obtained from your employer or from the
nearest OSHA Regional Office in the following
locations:

Atlanta, Georgia
Boston, Massachusetts
Chicago, Illinois
Dallas, Texas
Denver, Colorado
Kansas City, Missouri
New York, New York
Philadelphia, Pennsylvania
San Francisco, California
Seattle, Washington

Telephone numbers for these offices and
additional Area Office locations are listed in
the telephone directory under the United States
Department of Labor in the United States
Government listing.

Washington, D.C.
1951
OSHA 2203

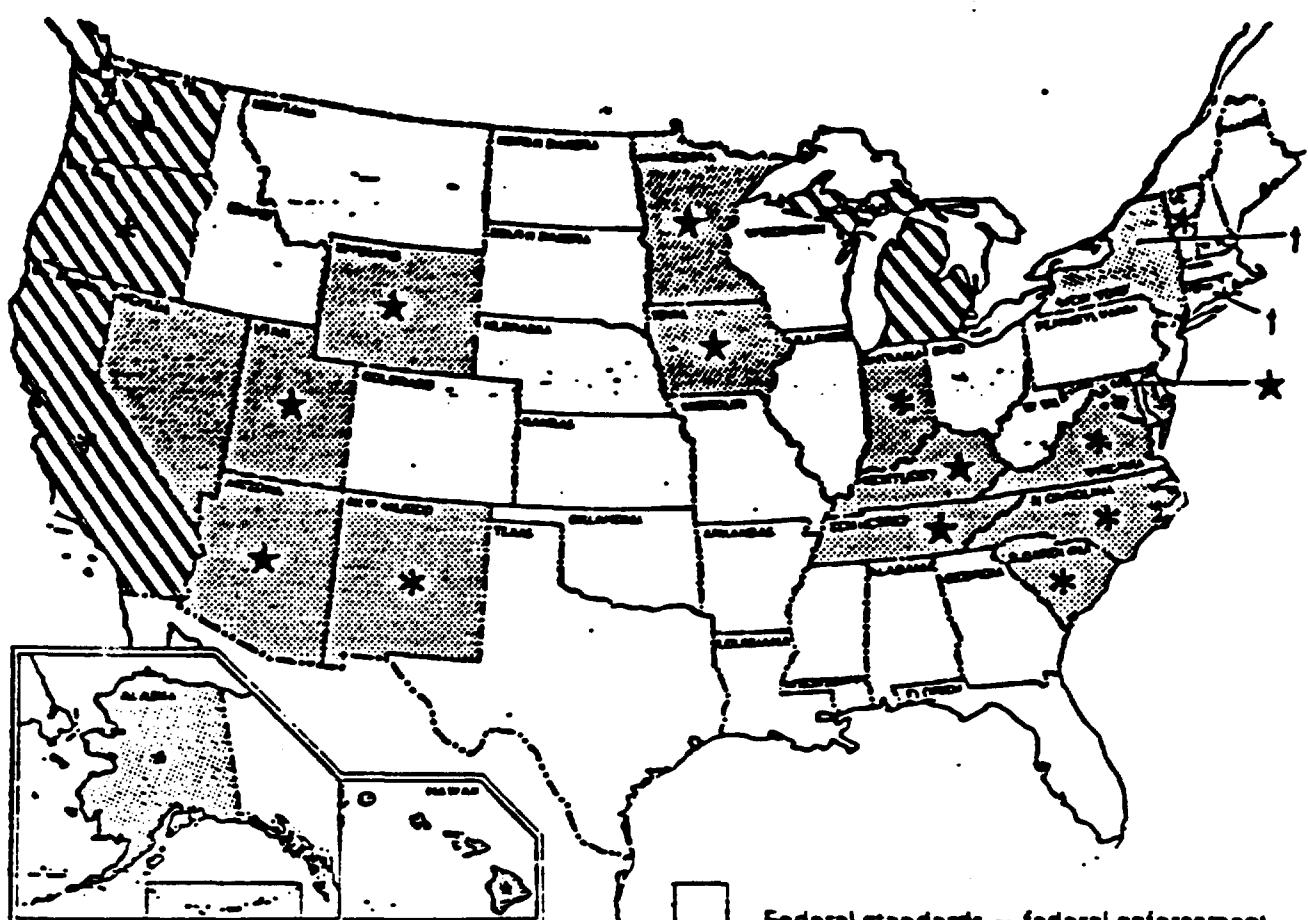


Raymond J. Donovan

Raymond J. Donovan
Secretary of Labor

U. S. Department of Labor

STATE PLANS



- PUERTO RICO*
- SAMOA
- GUAM
- VIRGIN ISLANDS*

- Federal standards — federal enforcement
- State plan — state enforced federal standards
- State plan — state enforced state standards
- State plan certified
- *State plan has final approval
- On-site consultation now available in all jurisdictions

FEDERAL OSHA AND STATE PLANS JURISDICTIONS

The above map represents the current status of jurisdictional areas for applicable OSHA or state regulations, inspections, and enforcement. At present, only four states (Washington, Oregon, California, and Michigan) have approved plans which differ significantly from federal standards.

All of the states are monitored by OSHA to determine state plan qualification. State plans must be judged "at least as effective as" the federal program in order to be approved. A state plan may receive OSHA approval by demonstrating it will meet all requirements within three years. After completing these steps and operating its program at a fully effective level for at least one year, federal enforcement will end in the areas covered by the state plan. OSHA then continues its monitoring to determine when the plan should be certified and when it should receive final approval.

† Connecticut and New York — state plan covers employees of state only; all other employees are under federal OSHA jurisdiction.

WESTON SPER DIVISION
HAZARDOUS WASTE SITE INVESTIGATION AND EMERGENCY RESPONSE
HEALTH AND SAFETY PLAN

Assignor: Dora Ann Donney/Ed Hatcher REGION IV
Date of Inspection: _____ Time: _____ TDD No. 24-8703-5
Original Safety Plan: Yes No ✓ Modification No. _____

Site Name: Lee's Lane Landfill

Site Address: Street No. Terminus of Lee's Lane
City Louisville
County Jefferson
State KY Zip Code 40216

Site Contact: Barry Burris KVNR/EPC Phone (502) 564-6716
Cane Run

Directions to Site: I-264 west to S. 100 E. Take Cane Run Rd. west to Lee Lane - turn rt. on Lee Lane and follow until it deadends.

Map Attached: Yes ✓ No
If Remote Location: Latitude _____ Longitude _____

SITE HISTORY: Alpha site studied by NUS. TPA to perform encapsulation of exterior drums in effort to delist site from Alpha.

INCIDENT DESCRIPTION

- TYPE: A) Spill Air Release Fire HW Site ✓ Other
B) Assessment Sampling Emergency Response
 Clean-up/Removal Other (specify) contaminant
C) Urban/Residential ✓ Commercial Industrial
 Rural Remote

PHYSICAL DESCRIPTION

Size of Site: 12.5 acres Terrain: level to sloping Weather hot

Containers Involved in the Release or Incident

Drums ✓ No. 296 Tanks No.

Truck License No. Tanker Box

Railroad Car Tank No. Box No.

Spill Source Approximate Volume

Other drums empty or contain inert solid materials

MATERIALS INVOLVED:

Name	TLV	IDLH	Overexposure	Symptoms
------	-----	------	--------------	----------

Methane

Vinyl Chloride 8ppm

SPECIAL HAZARDS: None

ANTICIPATED LEVEL OF PROTECTION (circle one): A B C D

WHY: Tree Cutting - Hard Hat, work gloves, ~~cutters~~,
steel-toed boots, goggles or face shield
Dozer operators - dust mask

FIRST AID INSTRUCTIONS FOR KNOWN CONTAMINANTS: skin contact - wash
immediately. Inhalation - fresh air, artificial respiration if necessary

PERSONNEL EXPOSURE HAZARDS: (H=high, M=moderate, L=low, U=unknown)

Inhalation Skin Contact Ingestion Radioactive

Biological Fire Explosion Unknown

PERSONNEL PHYSICAL SAFETY HAZARDS:

Heat Cold Noise Underground Utilities

Overhead Utilities Heavy Equipment Slip, Trip, Fall

Sharp Objects Pressurized Airlines Cyclinders

Ladders Scaffolds Unguarded Openings-Wall, Floor

Liquids in Open Containers, Ponds, Lagoons

ACTIONS TAKEN ON SITE:

Was Entry Made: YES NO

Equipment Used: (circle) LEVEL A B C D WHY: _____

SCBA _____ APR _____ Model _____ Cart./Can. Type _____

Tyvek _____ Poly Tyvek _____ Saran Tyvek _____ Acid Suit _____

Rain Gear _____ Cotton Coveralls _____

Gloves: Inner _____ Butyl _____ Nitrile _____ Viton _____ Other _____

Foot Gear: Safety Boots Outer Boots _____ Booties _____ Other _____

Description of Decontamination Used:

AIR MONITORING Performed by: _____

Instrument Readings: Radiation Meter _____ CGI _____

OVA _____ HNU _____ Detector Tube _____

Other _____

- Wind: Speed _____ Direction _____ Temp. _____ Rel. Hum. _____ B.P. _____

Summarize Air Monitoring Data _____

SAMPLING Performed by: _____

Sampling Plan (Y or N) _____ If yes attach copy to safety plan

No. of Samples: Solid _____ Liquid _____ Gas _____ Other _____

Laboratory: _____

Has Lab Been Notified of Potential Hazard Level? Yes _____ No _____

Analyses: _____

Sampling Comments: _____

DOCUMENTATIONPerformed by: Sherman Woodson / Keith PurcellType: Photo Log Book Recorder _____ Video _____PUBLIC IMPACTDistance to Nearest: Residence 200 ft. School _____ Hospital _____

Public Building _____ Other _____

Evacuation: Yes _____ No Number _____ By Whom: _____ENVIRONMENTAL IMPACT:Nearest Waterway: Ohio River Distance: adjacent to site

Condition	Observed	Potential	None
Surface Water Contamination		✓	
Ground Water Contamination			
Drinking Water Contamination		✓	
Air Contamination			
Soil Contamination	✓		
Stressed Vegetation			
Dead Fish, Other Animals			

PERSONNEL INVOLVED: (NAME, AGENCY, PHONE, ON OR OFF SITE)SITE MANAGER: Ed Hatcher / Dora Ann DanzerSITE SAFETY COORDINATOR:Have Read & Understood The
Site Safety Plan (check)EPA

TATSherman Woodson

✓

STATE

OTHER

EMERGENCY INFORMATIONEMERGENCY PHONE NUMBERS:

Fire
Police
Ambulance
Hospital

Nearest Phone

<u>Location</u>	<u>Phone</u>	<u>Notified (Y/N)</u>
"	911	"
"	911	"
"	911	N
315 E Broadway	562-2119	N

In Site Command postDIRECTIONS TO HOSPITAL:
(ATTACH MAP)

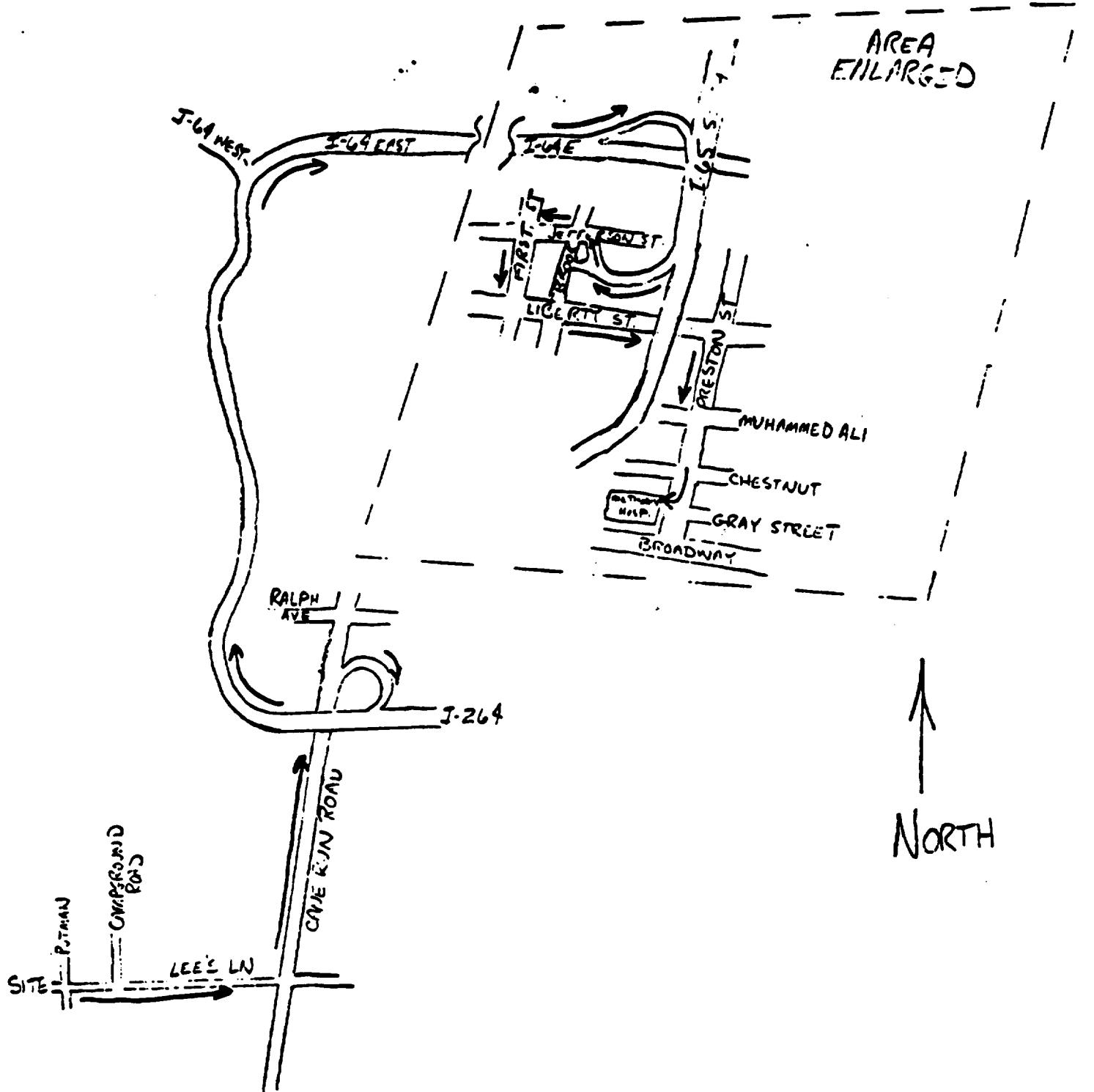
Lee's Lane to Lee Line Rd. Turn left to I-264 west to I-264 East. Get off I-64 at I-65 South to Jefferson St/Broad St, right. Follow first 1 block south to Liberty. Take Liberty 3 blocks east to Preston St. Take Preston 4 blocks south. Enter

ADDITIONAL EMERGENCY PHONE CONTACTS: from outside or Pt.

CHEMTRIC	(800) 424-9300
TSCA HOTLINE	(800) 424-9055, (202) 554-1404
CDC	(404) 452-4100 (Day), (404) 329-2888 (Night)
BUREAU OF ALCOHOL, TOBACCO & FIREARMS	(800) 424-9555, (202) 566-7777
NATIONAL RESPONSE CENTER	(800) 424-8802
WESTON MEDICAL EMERGENCY SERVICE	(513) 421-3063
WESTON 24 HOUR HOTLINE	(215) 524-1925, 1926
FESTICIDE INFORMATION SERVICE	(800) 845-7633
EPA ERT EMERGENCY	(201) 321-6660
RCRA HOTLINE	(800) 424-9346
BUR. OF EXPLOSIVES, A.A. RAILWAYS	(202) 835-9500

modified
Prepared by: Sherman Woodson Date: June 2, 1987
 Reviewed by: _____ Date: _____
 Approved by: _____ Date: _____

SPER HSO Reviewed by: _____ Date: _____
 Followup Required: Yes No
 Followup Performed: Date: _____ With: _____
 Comments: _____



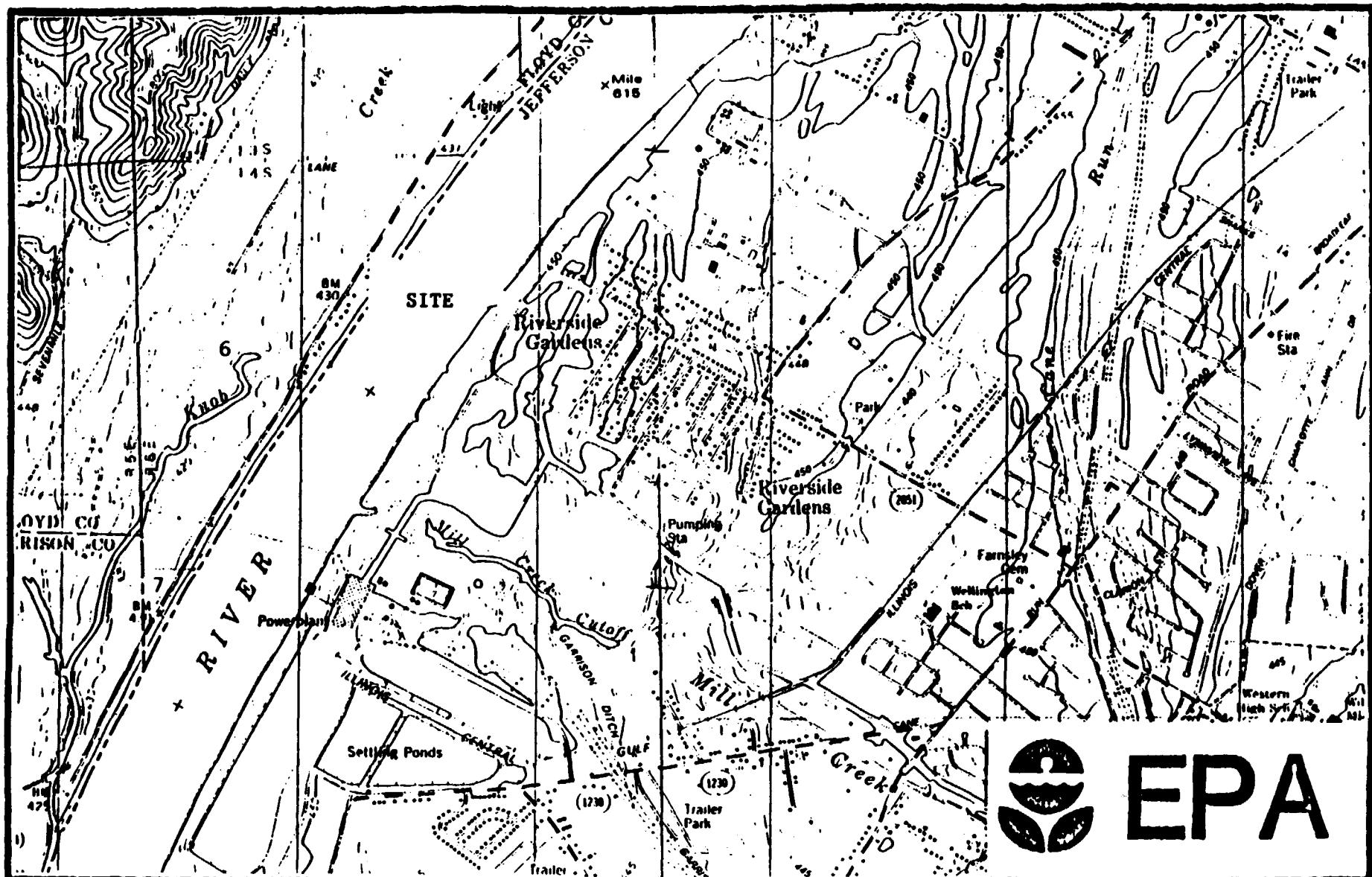
ROUTE TO:
METHODIST HOSPITAL
FROM:
LEE'S LANE LANDFILL

CPH - 3 - 17



12-8-87

ATTACHMENT D
Aerial Photograph



WESTON SPER Region IV TAT

ACTIVITY DESCRIPTION: Site locational map from U.S.G.S.

Louisville West and Lanesville Quadrangle Scale 1:40

SITE: Lees Lane Landfill, Louisville, KY.

TDD NO.: 04-8706-04

DATE: 16 December 1987

SECTION II
Site Sampling Data



DEPARTMENT OF HEALTH & HUMAN SERVICES

ublic Health Service
Agency for Toxic Substances
and Disease Registry

Memorandum

Date June 25, 1987

From Public Health Advisor
ATSDR-EPA Liaison

Subject Lee's Lane Landfill NPL Site;
Louisville, Kentucky

To Beverly Houston, Project Manager
EPA WMD ERRB RAS

As requested, the seven river bank area test pit sediment samples from the above site that were analyzed for metals and extractable organics have been reviewed for their public health threat implications. These EPA-ESD analytical results were presented in the June 19, 1987 EBASCO Services Inc. letter to you regarding EPA Contract No. 68-01-7250 W.A. No. 128-4N43.

As you know, the ATSDR has conducted health assessments on this site. We have also consulted with you on numerous occasions regarding technical issues, data reviews, community concerns and other related issues. The sum result of these activities is essentially that there is no information to indicate that the site presently, or in the future poses a health threat of any significance to area residents via air, ground water or direct contact pathways.

My review of the test pit metals data does not indicate that our opinion should change. While elevated cadmium (81 ppm) and lead (1100 & 1900 ppm) values were identified in test pits 12 & 14, they are localized and are sub-surface. However, the extractable organics minimum detection limits were too high (range: 6000-190000 ppm) to allow for this data to be reviewed for its potential health threat implications.

Nonetheless, with the exception of localized elevated concentrations at other on site locations, the site sediments and surface soils are not a significant human exposure pathway. Any soils transport is expected to be toward the Ohio River, not toward Riverside Gardens. Since the site is closed and covered, presumably with clean, local soil, public contact is not expected. However, as has been decided in the Record Of Decision, areas identified with highly contaminated surface soils will be excavated or covered, and the entire site will be posted to warn the public about unidentified, potentially high contaminated areas. Implementation of these remedial actions will be more than sufficient to protect public health at this site.

Chuck Pietroewicz

cc: file
ATSDR/OEA

EBASCO SERVICES INCORPORATED

145 Technology Park Atlanta, Norcross, Georgia 30092-2979. (404) 449-5800

EBASCO

June 19, 1987
RMIV-REM-87-266
Response Date: N/A

Ms. Beverly Houston
U.S. Environmental Protection Agency
Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Subject: REM III - EPA CONTRACT NO. 68-01-7250
W. A. NO. 128-4N43; LEE'S LANE LANDFILL
ANALYSIS OF TEST PIT SAMPLES

Dear Ms. Houston:

The results of the sample analysis received from EPA-ESD, Region IV, Athens, Georgia, are enclosed for your information. Please note that test pits no. 14 and 12 have lead and cadmium concentrations 20 times background concentration. In addition, test pit no. 14 has polyaromatic hydrocarbons present in the soil at estimated concentrations of 10 to 60 mg/kg.

Please contact the Site Manager, Al O'Rear, or me immediately if you have any questions regarding this matter.

Very truly yours,

Michael A. Szomjassy
Michael A. Szomjassy
Regional Manager
Region IV

MAS/vbw
Attachment

cc: M. K. Yates
M. Amdurer
A. O'Rear
K. Kessler
File: LEE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS, GEORGIA

06/12/87 **METALS
DATA REPORTING SHEET
WATER**

SAMPLE NO.: 1 07C17624 SAMPLE TYPE: DLKWA

PROJECT NO. 4, 81-369 - PROGRAM ELEMENTS: SSE
SOURCE: LEE, JANE LANEFILL CITY: LOUISVILLE STATE: KY

CIVIL: LOUISVILLE **SUPERIOR**

1910-1911

STATION NO.

SAMPLE COLLECTIONS START DATE/TIME 09/10/01 1500
SAMPLE COLLECTIONS STOP DATE/TIME 10/10/01 1500

SEARCHING THE WEB

COLLECTED BY: S MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D BY DATE/TIME 03/20/07 1515 REC'D BY: T BENNETT
SEALED? YES

CHEMISTS' AND ANALYTICAL METHODS

~~*****ANALYTICAL RESULTS*****~~

RESULTS	UNITS	ELEMENT
100	UG/L	SILVER
100	UG/L	ARSENIC
NA	UG/L	BORON
200	UG/L	BARIUM
100	UG/L	BERYLLIUM
100	UG/L	CADMIUM
200	UG/L	COBALT
100	UG/L	CHROMIUM
100	UG/L	COPPER
100	UG/L	MOLYBDENUM
200	UG/L	NICKEL
300	UG/L	LEAD
100	UG/L	ANTIMONY
200	UG/L	SELENIUM
100	UG/L	TIN
100	UG/L	STRONTIUM
400	UG/L	TELLURIUM
100	UG/L	TITANIUM
NA	UG/L	THALLIUM
100	UG/L	VANADIUM
100	UG/L	TITANIUM
100	UG/L	ZINC
NA	UG/L	ZIRCONIUM
200	UG/L	MERCURY
100	UG/L	ALUMINUM
100	UG/L	MANGANESE
100	UG/L	CALCIUM
100	UG/L	MAGNESIUM
100	UG/L	IRON
100	UG/L	SODIUM
NA	UG/L	POTASSIUM

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SAMPLE LOG VERIFIED BY LHMPP — SAMPLE DATA VERIFIED BY MAN

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~~000-FOOTNOTES000~~
0A-AVERAGE VALUE 0A-NOT ANALYZED 0A1-INTERFERENCES
0J-ESTIMATED VALUE 0J-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
0K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
0L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
0U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
 THE MINIMUM DETECTION LIMIT.

SAMPLE LOG VERIFIED BY: MFP SAMPLE DATA VERIFIED BY: MAM
000REMARKS000

~~ADDITIONAL NOTES~~
DA-AVERAGE VALUE = ANALYZED
DJ-ESTIMATED VALUE ON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
DR-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
DL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
DU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

06/12/07 **METALS**
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 07C17626 SAMPLE TYPE: SEDIM

- PROJECT NO. 3 07-369 PROGRAM ELEMENTS: SSP
- SOURCE: LEE 3 LAKE LANDFILL CITY: LOUISVILLE STATE: KY

—SALVATION, JESUS CHRIST—12212

SAMPLE COLLECTION: START DATE/TIME 09/19/01 0045

SAMPLE COLLECTIONS STOP DATE/TIME 00/00/00

COLLECTED BY: S MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D: DATE/TIME 03/20/07 1315 REC'D BY: T BENNETT
SEALED: YES

CHEMISTS' WAY ANALYTICAL METHODS

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SAMPLE LOG VERIFIED BY: MPP ... SAMPLE DATA VERIFIED BY: MPP

STATISTICAL RESULTS

RESULTS	UNITS	ELEMENT
30	MG/KG	SILVER
90	MG/KG	ARSENIC
NA	MG/KG	BORON
120	MG/KG	BARIUM
30	MG/KG	BERYLLIUM
30	MG/KG	CADMIUM
NA	MG/KG	COBALT
21	MG/KG	CHROMEUM
NA	MG/KG	COPPER
60	MG/KG	MOLYBDENUM
20	MG/KG	NICKEL
46	MG/KG	LEAD
70	MG/KG	ANTIMONY
120	MG/KG	SELENIUM
300	MG/KG	TIN
16	MG/KG	STRONTIUM
32	MG/KG	TELLURIUM
NA	MG/KG	TITANIUM
20	MG/KG	THALLIUM
100	MG/KG	VANADIUM
NA	MG/KG	TITANIUM
0.35	MG/KG	ZINC
10000	MG/KG	ZIRCONIUM
700	MG/KG	MERCURY
4100	MG/KG	ALUMINUM
3000	MG/KG	MANGANESE
44000	MG/KG	CALCIUM
30000	MG/KG	MAGNESIUM
NA	MG/KG	IRON
13	MG/KG	SODIUM
	%	POTASSIUM
	%	MOISTURE

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SAMPLE DATA VERIFIED BY: MAW

SAMPLE LOG VERIFIED BY: NFP SAMPLE DATA VERIFIED BY: PMH
1000000000

~~PROFOUND~~ 64-AVERAGE VALUE 64A-NOT ANALYZED 64A1-INTERFERENCES
64-ESTIMATED VALUE 64N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
64R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
64L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
64U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

**SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REC IV
ATHENS GEORGIA**

06/12/87 METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT.)
SAMPLE NO. 1 87C17626 SAMPLE TYPE: SEDIM

PROJECT NO. I-87-369 PROGRAM ELEMENTS: SSP
SOURCE: LEE'S LANE LANDFILL CITY: LOUISVILLE STATE: KY

—S101190, J. 2, 9, A. 6, 9996 - TROIL

SAMPLE COLLECTIONS: START DATE/TIME 05/19/07 0845
SAMPLE COLLECTIONS: STOP DATE/TIME 05/20/08

COLLECTED BY: S MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D: DATE/TIME 05/20/07 1515 REC'D BY: T BENNETT
SEALERS TEST

CHEMISTS MAN ANALYTICAL METHODS

~~ANALYTICAL RESULTS~~

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
3U	MG/KG	GERMANIUM
NA	MG/KG	BORON
120	MG/KG	BARIUM
3U	MG/KG	BERYLLIUM
3U	MG/KG	CADMIUM
NA	MG/KG	COBALT
21	MG/KG	CHROMIUM
27	MG/KG	COPPER
23	MG/KG	MOLYBDENUM
29	MG/KG	NICKEL
44	MG/KG	LEAD
77	MG/KG	ANTIMONY
12U	MG/KG	SELENIUM
30U	MG/KG	TIN
14	MG/KG	STRONTIUM
12U	MG/KG	TELLURIUM
NA	PC/KG	TITANIUM
79	MG/KG	THALLIUM
100	MG/KG	VANADIUM
100	MG/KG	YTTRIUM
NA	MG/KG	ZINC
0.35	MG/KG	ZIRCONIUM
3000	MG/KG	MERCURY
3000	MG/KG	ALUMINUM
4100	MG/KG	RANGANESE
3000	MG/KG	CALCIUM
3000	MG/KG	MAGNESIUM
NA	MG/KG	IRON
11	I	SODIUM
		POTASSIUM
		MOISTURE

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SAMPLE LOG VERIFIED BY: WPP ... SAMPLE DATA VERIFIED BY: MAW
FOOTMARKS 3000

999 FOOTNOTES
DA-AVERAGE VALUE --- AND-NOT ANALYZED ONAT-INTERFERENCES
DJ-ESTIMATED VALUE ON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
DR-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
DL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
DU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAN

000REMARKS000

000FOOTNOTES000
--AVERAGE VALUE --- ANA-NOT ANALYZED ANAT-INTERFERENCES
---QJ-ESTIMATED VALUE --- ON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
---OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
---OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
---OU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS GEORGIA

06/12/07

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 07C17627 SAMPLE TYPE: SEDIM

PROJECT NO.: 07-369 PROGRAM ELEMENTS: SSP
SOURCE: LEE'S LAKE LANDFILL
CITY: LOUISVILLE STATE: KY

STATION: STATION 12010

SAMPLE COLLECTION: START DATE/TIME: 05/12/07 0925

SAMPLE COLLECTION STOP: DATE/TIME: 06/08/08

COLLECTED BY: S MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE/TIME: 05/20/07 REC'D BY: T BENNETT
SEALED/TESTS

CHEMIST: MAN
ANALYTICAL METHOD:

000ANALYTICAL RESULTS0000

RESULTS	UNITS	ELEMENT
90	MG/KG	SILVER
NA	MG/KG	BRONZE
160	MG/KG	BORON
30	MG/EC	BARIUM
30	MG/EC	BERYLLIUM
NA	MG/EC	CADMIUM
26	MG/EC	COBALT
42	MG/EC	CHROMIUM
60	MG/EC	COPPER
30	MG/EC	MOLYBDENUM
82	MG/EC	NICKEL
90	MG/EC	LEAD
120	MG/EC	ANTIMONY
300	MG/EC	SELENIUM
25	MG/EC	TIN
120	MG/EC	STRONTIUM
94	MG/EC	TELLURIUM
NA	MG/EC	TITANIUM
20	MG/EC	THALLIUM
16	MG/EC	VANADIUM
170	MG/EC	TITANIUM
NA	MG/EC	ZINC
9077	MG/EC	ZIRCONIUM
12000	MG/EC	MERCURY
9100	MG/EC	ALUMINUM
9100	MG/EC	MANGANESE
9100	MG/EC	CALCIUM
9100	MG/EC	MAGNESIUM
3000	MG/EC	IRON
NA	MG/EC	SODIUM
20	MG/EC	POTASSIUM
	%	MOISTURE

REMARKS
REMARKS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAN

000REMARKS000

000FOOTNOTES000
--AVERAGE VALUE --- ANA-NOT ANALYZED ANAT-INTERFERENCES
---QJ-ESTIMATED VALUE --- ON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
---OK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
---OL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
---OU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

REMARKS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

00REMARKS000

00FOOTNOTES000

--AVERAGE VALUE = NOT ANALYZED OR-NON-INTERFERENCES
--E-ESTIMATED VALUE = NON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
--R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
--G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
--U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, REG IV
ATHENS, GEORGIA

06/12/07

METALS
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(CORE WT)

SAMPLE NO.: 87C17628 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-302 PROGRAM ELEMENTS: SSF
SOURCE: LEES LANE LANDFILL RECEIVED DATE/TIME: 05/20/07 1515 REC'D BY: T BENNETT
CITY: LOUISVILLE STATE: KY

STATION #: 1 ADDRESS: TEXAS
STOREY STATION NO:

SAMPLE COLLECTIONS: START DATE/TIME: 05/19/07 1020
SAMPLE COLLECTIONS: STOP DATE/TIME: 06/08/08

COLLECTED BY: 3 PERSON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE/TIME: 05/20/07 1515 REC'D BY: T BENNETT
SEALERS: YES

CHEMIST: MAW
ANALYTICAL METHOD:

REMARKS

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW

00REMARKS000

00FOOTNOTES000

--AVERAGE VALUE = NOT ANALYZED OR-NON-INTERFERENCES
--E-ESTIMATED VALUE = NON-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
--R-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
--G-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
--U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS THE MINIMUM DETECTION LIMIT.

00000ANALYTICAL RESULTS00000

RESULTS	UNITS	ELEMENT
ND	MG/KG	SILVER
ND	MG/KG	ARSENIC
ND	MG/KG	BURON
ND	MG/KG	BARIUM
ND	MG/KG	BERILLIUM
ND	MG/KG	CACIUM
ND	MG/KG	COBALT
ND	MG/KG	CHROMIUM
ND	MG/KG	COPPER
ND	MG/KG	MOLYBDENUM
ND	MG/KG	NICKEL
ND	MG/KG	LEAD
ND	MG/KG	ANTIMONY
ND	MG/KG	SELENIUM
ND	MG/KG	TIN
ND	MG/KG	STRONTIUM
ND	MG/KG	TELLURIUM
ND	MG/KG	TITANIUM
ND	MG/KG	THALLIUM
ND	MG/KG	VANADIUM
ND	MG/KG	ZIRCONIUM
ND	MG/KG	ZINC
ND	MG/KG	ZIRCONIUM
ND	MG/KG	MERCURY
ND	MG/KG	ALUMINUM
ND	MG/KG	MANGANESE
ND	MG/KG	CALCIUM
ND	MG/KG	MAGNESIUM
ND	MG/KG	IRON
ND	MG/KG	SODIUM
ND	MG/KG	POTASSIUM
ND	MG/KG	MOISTURE
23		

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SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: NAME
COOPERATION SEE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM SAP-EISO-GEG IN ATHENS GREECE

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SAMPLE NO. 1 07/21/1979 SAMPLE 1979 1201M

POLY(1,4-PHENYLICARBOXYLIC ACID) 33

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CORPORATION OF MICHIGAN RECEIVED FROM FEDERAL EXIMBANK

รายงานการประเมินผล

GÖTTSCHE

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SCOTTISH INSTITUTE OF POLICE SCIENCE

SAMPLE LOG VERIFIED BY: MRP SAMPLE DATA VERIFIED BY: PAM

SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: PMW
REMARKS: 5000

APPENDIX E

DEFINITIONS

1. ESTIMATED VALUE - OR-A-NOT ANALYZED. THAT-INTERFERENCES.
OR-ESTIMATED VALUE IS PRE-SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
OR-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN.
OR-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN.
2. MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE MINIMUM DETECTION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD REG IV
ATHENS GEORGIA

06/12/87 **METALS**
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(CORT MT)

PROJECT NO: 07-249 PROGRAM ELEMENTS: SSP
SOURCE: LEEPS LANE LANDFILL CITY: LOUISVILLE STATE: KY

HAMILTON S. D. 1900-1913

SAMPLE COLLECTIONS! START DATE/TIME 03/19/07 1400

SAMPLE COLLECTION SITE/DATE/TIME: 00/00/00

COLLECTED BY: S. MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D: DATE/TIME: 05/20/07 1515 REC'D BY: T BENNETT
SEALED/YES

CHEMISTS' HANDBOOK ANALYTICAL METHODS

~~NONANALYTICAL RESULTS~~

RESULTS	UNITS	ELEMENT
3U	MG/KG	SILVER
9U	MG/KG	ARSENIC
NA	MG/KG	BORON
100	MG/KG	DARIUM
3U	MG/KG	DEUTERIUM
NA	MG/KG	CADMIUM
17	MG/KG	COBALT
21	MG/KG	CHROMIUM
6U	MG/KG	COPPER
32	MG/KG	MOLYBDENUM
38	MG/KG	NICKEL
7U	MG/KG	LEAD
12U	MG/KG	ANTIMONY
30U	MG/KG	SELENIUM
27	MG/KG	TIN
12U	MG/KG	STRONTIUM
110	MG/KG	NEPTUNIUM
NA	MG/KG	TITANIUM
26	MG/KG	THALLIUM
130	MG/KG	VANADIUM
NA	MG/KG	TITANIUM
0.050U	MG/KG	ZINC
1000U	MG/KG	ZIRCONIUM
400	MG/KG	MERCURY
2000	MG/KG	ALUMINUM
3000	MG/KG	MANGANESE
3000	MG/KG	CALCIUM
3000	MG/KG	MAGNESIUM
3000U	MG/KG	IRON
NA	MG/KG	SODIUM
16	MG/KG	POTASSIUM
	%	MOISTURE

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SAMPLE LOG VERIFIED BY: WFP SAMPLE DATA VERIFIED BY: MAW
000REMARKS 5000

SAMPLE LOG REPORTED BY: MPP SAMPLE DATA RELEASED BY: PAA
SOURCEMANNSOON

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ATLANTA, GEORGIA

4/10/07

SAMPLE NO.: 97C17627 SAMPLE TYPE: SEDIM

PROJECT NO. 1-07-389 PROGRAM ELEMENTS 338

STATISTICS IN MEDICAL RESEARCH

SAMPLE COLLECTIONS START DATE/TIME 09/09/00
SAMPLE COLLECTIONS STOP DATE/TIME 09/09/00

DATE/TIME 03/22/07 1545 REC

CHEMICAL AND ANALYTICAL METHODS

SAMPLE LOG VERIFIED BY VEP DATA VERIFIED
REMARKS

CHINESE MARRIAGE

THE JOURNAL OF CLIMATE

ANALYTICAL RESULTS

COMPOUND I,3-DICHLOROSORBONE

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1-(2-CHLOROPHENYL)- ISOPHOSPHONIC ACID

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PHOTOGRAPH

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JOURNAL OF CLIMATE

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PROTESTANTISCHER THEOLOGISCHE VEREIN
FÜR DEN NORDEN VOL.

PROJECT NO. 1-369 DEUTERIUM ELEMENTS 35P
 SOURCE: LEC-3, C-424 LANCEFIELD, SAWIEK, H.A.
 STATION 1.0.1. 0003 1P016
 SAMPLE NUMBER 312117621
 DATE 04/01/1961 TIME 00:00:00
 EXPEDITE

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, RGC IV
ATHENS GEORGIA

06/10/87

EXTRACTABLE INORGANIC ANALYSES, MISC
DATA REPORTING SHEET
SEDIMENT/SHELL/SLUDGE(DRY WT)

SAMPLE NO.: 87C17626 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE
SOURCE: LEE'S LAND LANEFILL CITY: LOUISVILLE STATE: KY

STATION I.D.: 000151 IP#17
STORET STATION NC#:

SAMPLE COLLECTION ONE START DATE/TIME: 05/19/87 0045

SAMPLE COLLECTION ONE STOP DATE/TIME: 05/20/87

COLLECTED BY: S MASUN RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE/TIME: 05/20/87 1515 REC'D BY: T BENNETT
SEALED: YES

CHEMISTS:

ANALYTICAL METHODS:

REMARKS:

REMARKS:

SAMPLE LOG VERIFIED BY: WEP DATA VERIFIED BY: DGR

000REMARKS000

000FOOTNOTES000
QA-AVERAGE VALUE - DATA-NOT ANALYZED, QAII-INTERFERENCES
QI-ESTIMATED VALUE - DATA-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
QE-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
QL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
DU-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

00000ANALYTICAL RESULTS00000

RESULTS IN: ug/kg	COMPOUND NAME
13000U	BENZOIC ACID
6300U	2-METHYLPHENOL
6300U	(3-AND/OR 4-)METHYLPHENOL
6300U	2,4,5-TRICHLOROPHENOL
13000U	2-ENZYLC ALCOHOL
5900U	4-CHLOROANILINE
6300U	DIBENZOFURAN
6300U	2-NITROANILINE
6300U	3-NITROANILINE
6300U	4-NITROANILINE
6300U	2,3,4,6-TETRACHLOROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, RGC IV
ATHENS GEORGIA

06/10/87

EXTRACTABLE INORGANIC ANALYSES, MISC
DATA REPORTING SHEET
SEDIMENT/SHELL/SLUDGE(DRY WT)

SAMPLE NO.: 87C17627 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE
SOURCE: LEE'S LAND LANEFILL CITY: LOUISVILLE STATE: KY

STATION I.D.: 000151 IP#17
STORET STATION NC#:

00000ANALYTICAL RESULTS00000

RESULTS IN: ug/kg	COMPOUND NAME
7100U	2-METHYLPHENOL
7100U	(3-AND/OR 4-)METHYLPHENOL
7100U	2,4,5-TRICHLOROPHENOL
15000U	2-ENZYLC ALCOHOL
7100U	4-CHLOROANILINE
7100U	DIBENZOFURAN
7100U	2-METHYLNAPHTHALENE
7100U	2-NITROANILINE
7100U	3-NITROANILINE
7100U	4-NITROANILINE
7100U	2,3,4,6-TETRACHLOROPHENOL

THE MUSEUM OF NATURAL HISTORY,
NEW YORK CITY,
RECEIVED BY THE
MUSEUM OF NATURAL HISTORY,
NEW YORK CITY.

ESTUDOS

ANALYTICAL METHODS

EMPLOYEE BENEFITS: 100% MATCH 401(k) PLAN

SECTION-PICTURE INDEX

THE JOURNAL OF CLIMATE VOL. 14, NO. 11, NOVEMBER 2001

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SEDIMENT/SOIL/SLUDGE (CONT'D)

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

104

SYNTHETICAL REGULATIONS

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1	UG/RG	1,4-DIMETHYL-2-PHENYL-5-FLUORANTHENE
2	UG/RG	1,4-DIMETHYL-2-PHENYL-6-FLUORANTHENE
3	UG/RG	INDOLE (1,2-E)-1-CO) PYRENE
4	UG/RG	1,4-DIEN-2-OL (1,2-E)-BUTADIENE
5	UG/RG	1,4-DIEN-2-OL (1,2-E)-PENTADIENE
6	UG/RG	2-CHLOROPHENOL
7	UG/RG	2-NITROPHENOL
8	UG/RG	PHENOL
9	UG/RG	2,4-DIMETHYLPHENOL
10	UG/RG	2,4-DICHLOROPHENOL
11	UG/RG	2,4,4-TRICHLOROPHENOL
12	UG/RG	4-CHLOROPHENOL-3-METHYLPHENOL
13	UG/RG	2,4-DINITROPHENOL
14	UG/RG	2-METHYL-4,6-DINITROPHENOL
15	UG/RG	PENTACHLOROPHENOL
16	UG/RG	4-NITROPHENOL
17		MOISTURE

**SAMPLE AND ANALYSES MANAGEMENT SYSTEM
TPA-ESD, REG IV
ATHENS, GEORGIA**

06/10/07 EXTRACTABLE ORGANIC ANALYSIS
SEDIMENT/SOIL/SLUDGE(CORT W/T)

SAMPLE NO.: 87C17630 SAMPLE TYPE: SEDIM

PROJECT NO. 1 07-369 PROGRAM ELEMENTS: SSP
SOURCES: LEE & LANE-CAMPBELL
CITY: LOUISVILLE STATE: KY

STATION I.D.: 0009 TPA13

SAMPLE COLLECTIONS! START DATE/TIME 05/19/07 1400

SAMPLE COLLECTIONS STOP DATE/TIME 00/00/00

COLLECTED BY: S. MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D: DATE/TIME 05/20/07 1515 RFC'D BY: T BENNETT
SEALED: YES

CHEMISTS PCR ANALYTICAL METHODS

~~ANALYTICAL RESULTS~~

Sample Log of Service Calls

4-CHLORO-2-METHYLPHENOL	4-CHLORO-2-METHYLPHENOL
4-CHLORO-3-METHYLPHENOL	4-CHLORO-3-METHYLPHENOL
2,4-DIMETHYLPHENOL	2,4-DIMETHYLPHENOL
2-METHYL-4-OH-1,2-DIHYDROPHENOL	2-METHYL-4-OH-1,2-DIHYDROPHENOL
4-METHYLPHENOL	4-METHYLPHENOL
4-NITROPHENOL	4-NITROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM FOR THE GEOLOGICAL SURVEY OF ARMENIA

SAMPLE AND ASSAY SYSTEM MANAGEMENT SYSTEM

06/10/01 CONTRACTABLE ORGANIC APARTMENTS, INC.
DATA REPORTING UNIT
SERIAL#(S)101/SEGECOM HT)

PROJECT NO.: 07-369 PROGRAM ELEMENT: SSE
SOURCE: LEE'S LANE LANDFILL CITY: LOUISVILLE STATE: KY

STATION I.D.: 0012 1P011
STORED STATION NO:

SAMPLE COLLECTIONS START DATE/TIME 05/17/07 1515
SAMPLE COLLECTIONS STOP DATE/TIME 06/06/08

COLLECTED BY: S PASUN RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE / TIME 05/20/07 1515 REC'D AT: T BENNETT
SEALED: YES

CHEMISTS ANALYTICAL METHODS

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SAMPLE LOG VERIFIED BY MPP DATA VERIFIED BY DGR

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OCOCOANALYTICAL RESULTS

RESULTS IN: UC/PG	COMPOUND NAME
16000U	5FENZOIC ACID
17100U	2-METHYLPHENOL
17200U	(3-ANHYDRO 4-METHYLPHENOL
17300U	2,4,5-TRICHLOROPHENOL
1A000U	BENZYL ALCOHOL
17400U	4-CHLOROBENZALINE
17500U	DIBENZO-P-DIAPEN
17600U	2-PHENYLPHENYLTHALENE
17700U	2-NITROQUINILINE
17800U	3-NITROQUINILINE
17900U	4-NITROQUINILINE
17700U	2,3,4,6-TETRACHLOROPHENOL

WATER AND WASTE MANAGEMENT SYSTEM

WATER SUPPLY AND SANITATION

06/10/07 06/10/07 06/10/07 06/10/07 06/10/07 06/10/07 06/10/07

SAMPLE NO.: 1001752 SAMPLE TYPE: SEDIM

PROJECT NO.: 307-364 PHOTURAN ELEMENT: 3SF
SOURCE: LEE'S LANE LANDFILL CITY: LOUISVILLE STATE: KY

STATION I.D.: 0011 TP-12
STATION STATION 403

SAMPLE COLLECTION DATE/ TIME 05/19/97 1440

SAMPLE COLLECTIONS STOP DATE/TIME 08/00/00
COLLECTED BY S MASON RECEIVED FROM FEDERAL EXPRESS
SAMPLE REC'D BY DATE/TIME 08/20/01 1915 REC'D BY T BENNETT
SEALED BY TS

CHEMISTS ANALYTICAL METHODS

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SAMPLE LOG VERIFIED BY HPP DATA VERIFIED BY GGR

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For more information about the study, please contact Dr. Michael J. Hwang at (310) 206-6500 or via email at mhwang@ucla.edu.

PROGRAMMATIC ANALYTICAL RESULTS

RESULTS	TEST	UG/UG	COMPOUND NAME
1540U	HENZOTIC ACID		
9400U	2-METHYLPHENOL		
7400U	(3-AND/OR 4-)METHYLPHENOL		
7400U	2,4,5-TRICHLOROPHENOL		
1500U	2-ETHYL ALCOHOL		
7400U	4-CHLOROANILINE		
7400U	DIBENZOFURAN		
7400U	2-METHYLPHENYLTHALENE		
7400U	2-NITROANILINE		
7400U	3-NITROANILINE		
7400U	4-NITROANILINE		
2400U	2,3,4,-O-TETRACHLOROPHENOL		

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
LPA-ESE, RFC IV
ATHENS GEORGIA

06/10/07 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SOIL/SLUDGE(CRY HT)

SAMPLE NO.: 07C17633 SAMPLE TYPE: SEDIM

PROJECT NO.: 07-309 PROGRAM ELEMENTS: 5SF
SOURCE: LEE'S LANE LANEPILL STATE: KY
CITY: LOUISVILLE

STATION 1.9.1 0919 1P+11
STREET STATION 112

~~ANALYTICAL RESULTS~~

RESULTS	IN:	UG/RC	COMPOUND NAME
16000U	BENZOTIC ACID		
7700U	2-METHYLPHENOL		
7700U	(3-AND/08 4-)METHYLPHENOL		
7700U	2,4,5-TRICHLOROPHENOL		
16000U	BENZYL ALCOHOL		
7700U	4-CHLOROANILINE		
7700U	DIBENZOPIRAN		
7700U	2-METHYLNAPHTHALENE		
7700U	2-NITROANILINE		
7700U	3-NITROANILINE		
7700U	4-NITROANILINE		
7700U	2,3,4,6-TETRACHLOROPHENOL		

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-FSD-PFG IV

ATHENS GEORGIA

06/19/07 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
RECIPIENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 67C07421 SAMPLE TYPE: SEDIM

00000ANALYTICAL RESULTS00000

RESULTS IN: ug/kg	COMPOUND NAME
12000U	BENZOIC ACID
5900U	2-METHYLPHENOL
5900U	(3-AND/OR 4-)METHYLPHENOL
5900U	2,4,5-TRICHLOROPHENOL
12000U	BENZYL ALCOHOL
5900U	4-CHLORDANILINE
5900U	DIBENZOFURAN
5900U	2-METHYLNAPHTHALENE
5900U	2-NITRODANILINE
5900U	3-NITRODANILINE
5900U	4-NITRODANILINE
5900U	2,3,4,6-TETRACHLOROPHENOL

PROJECT NO.: 07-369 PROGRAM ELEMENTS: SSP
SOURCE: LEE'S LAKE LANDFILL CITY: LOUISVILLE STATE: KYSTATION I.D.: 00101 IP#13
STORED STATION NC:SAMPLE COLLECTIONS START DATE/TIME 05/19/07 1400
SAMPLE COLLECTIONS STOP DATE/TIME 05/00/00COLLECTED BY: S PASIN RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE/TIME 05/20/07 1515 REC'D BY: T BENNETT
SEALED: YESCHEMIST:
ANALYTICAL METHOD:REMARKS:
REMARKS:

SAMPLE LOG VERIFIED BY: DFP DATA VERIFIED BY: DGR

00000REMARKS000

00000NOTES000
OR-AVERAGE VALUE DATA NOT ANALYZED DATA-INTERFERENCES
OR-ESTIMATED VALUE OR-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
OR-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
OR-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
OR-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTIFICATION LIMIT.SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-FSD-PFG IV
ATHENS GEORGIA06/19/07 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
RECIPIENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 67C07422 SAMPLE TYPE: SEDIM

00000ANALYTICAL RESULTS00000

RESULTS IN: ug/kg	COMPOUND NAME
15000U	BENZOIC ACID
7400U	2-METHYLPHENOL
7400U	(3-AND/OR 4-)METHYLPHENOL
7400U	2,4,5-TRICHLOROPHENOL
7400U	BENZYL ALCOHOL
7400U	4-CHLORDANILINE
7400U	DIBENZOFURAN
7400U	2-METHYLNAPHTHALENE
7400U	2-NITRODANILINE
7400U	3-NITRODANILINE
7400U	4-NITRODANILINE
7400U	2,3,4,6-TETRACHLOROPHENOL

PROJECT NO.: 07-369 PROGRAM ELEMENTS: SSP
SOURCE: LEE'S LAKE LANDFILL CITY: LOUISVILLE STATE: KYSTATION I.D.: 00101 IP#13
STORED STATION NC:

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HIC IV
ATLANTA GEORGIA06/10/97 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REP. DTING SHEET
SEGMENT/SOIL/SLUDGE(CCPT HT)

SAMPLE NO.: 87C17610 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE
SOURCE: LEE'S LAKE LANDFILL STATE: KY
CITY: LOUISVILLE STATE: KYSTATION I.D.: 0009 TPC13
STORED STATION NO.:SAMPLE COLLECTIONS: START DATE/TIME 05/13/97 1400
SAMPLE COLLECTIONS: STOP DATE/TIME 06/00/00COLLECTED BY: S. PASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE/TIME 05/20/97 1515 REC'D BY: T BENNETT
SEALED: YESCHEMIST:
ANALYTICAL METHODS:REMARKS:
REMARKS:SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR
000REMARKS000000FOOTNOTES000
---AVERAGE VALUE: DATA-NOT ANALYZED, DATA-INTERFERENCES
---ESTIMATED VALUE: DATA-SUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
---ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
---ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
---NO-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.

00000ANALYTICAL RESULTS00000

RESULTS INT	UG/KG	COMPOUND NAME
12000U		BENZOIC ACID
6000U		2-METHYLPHENOL
5000U		(3-AND/OR 4-)METHYLPHENOL
2000U		2,4,5-TRICHLOROPHENOL
12000U		BENZYL ALCOHOL
4000U		4-CHLOROANILINE
6000U		DEPENZOFURAN
6000U		2-METHYLNAPHTHALENE
6000U		2-NITROANILINE
6000U		3-NITROANILINE
4000U		4-NITROANILINE
6000U		2,3,4,6-TETRACHLOROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD-HIC IV
ATHENS GEORGIA06/10/97 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REP. DTING SHEET
SEGMENT/SOIL/SLUDGE(CCPT HT)

SAMPLE NO.: 87C17621 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE
SOURCE: LEE'S LAKE LANDFILL STATE: KY
CITY: LOUISVILLE STATE: KYSTATION I.D.: 0013 TPC13
STORED STATION NO.:

00000ANALYTICAL RESULTS00000

RESULTS INT	UG/KG	COMPOUND NAME
12000U		BENZOIC ACID
5900U		2-METHYLPHENOL
5900U		(3-AND/OR 4-)METHYLPHENOL
5900U		2,4,5-TRICHLOROPHENOL
12000U		BENZYL ALCOHOL
5900U		4-CHLOROANILINE
5900U		DEPENZOFURAN
5900U		2-METHYLNAPHTHALENE
5900U		2-NITROANILINE
5900U		3-NITROANILINE
5900U		4-NITROANILINE
5900U		2,3,4,6-TETRACHLOROPHENOL

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-132, SRL IV
ATLANTA, GEORGIA

06/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SPILL/SLUDGE/CLAY WT

SAMPLE NO.: 87C17629 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE

SOURCE: LEE'S LANE LANEPOLL CITY: LOUISVILLE STATE: KY

STATION I.D.: 00001 TPO#:

STORET STATION NO#:

SAMPLE COLLECTION: START DATE/TIME 05/19/87 1100

SAMPLE COLLECTION: STOP DATE/TIME 05/20/87 1515

COLLECTED BY: S. PASON

RECEIVED FROM: FEDERAL EXPRESS

SEALED: YES

CHEMIST:

ANALYTICAL METHODS:

REMARKS:
REMARKS

SAMPLE LOG VERIFIED BY: WPP DATA VERIFIED BY: DGA

REMARKS~~SOOO~~

~~SOOO~~
~~SOOOOOTNOTES~~SOOO~~~~
~~SO-AVERAGE VALUE: DATA-NOT ANALYZED, DATA-INTERFERENCE~~
~~SO-ESTIMATED VALUE: DATA-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL~~
~~SO-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN~~
~~SO-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN~~
~~SO-MATERIAL WAS ANALYZED BUT NOT DETECTED; THE NUMBER IS~~
~~THE ESTIMATED MINIMUM QUANTITATION LIMIT.~~

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-132, SRL IV
ATLANTA, GEORGIA

06/10/87 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SEDIMENT/SPILL/SLUDGE/CLAY WT

SAMPLE NO.: 87C17630 SAMPLE TYPE: SEDIM

PROJECT NO.: 87-369 PROGRAM ELEMENTS: SSE

SOURCE: LEE'S LANE LANEPOLL CITY: LOUISVILLE STATE: KY

STATION I.D.: 00001 TPO#:

STORET STATION NO#:

00000ANALYTICAL RESULTS~~SOOOOO~~

RESULTS IN: ug/kg	COMPOUND NAME
190000U	BENZOIC ACID
93000U	2-METHYLPHENOL
93000U	(3-AND/OR 4-)METHYLPHENOL
93000U	2,4,5-TRICHLOROPHENOL
16000DU	BENZYL ALCOHOL
93000U	4-CHLOROANILINE
93000U	DIPHENYLFURAN
15000J	2-METHYLNAPHTHALENE
43000U	2-NITROANILINE
93000U	3-NITROANILINE
93000U	4-NITROANILINE
93000U	2,3,4,6-TETRACHLOROPHENOL
30000JN	METHYL(METHYLETHYL)BENZENE (2 ISOMERS)
10000JN	1-METHYLNAPHTHALENE
60000JN	DIMETHYLNAPHTHALENE (5 ISOMERS)
40000JN	TRIMETHYLNAPHTHALENE (5 ISOMERS)
20000JN	METHYL(METHYLETHYL)NAPHTHALFNE (3 ISOMERS)
20000JN	METHYLPHENANTHRENE (2 ISOMERS)
10000JN	DIMETHYLPHENANTHRENE (2 ISOMERS)
N	TETRAMETHYLPHENANTHRENE
N	PETROLEUM PRODUCT

SAMPLE AND ANALYSES MANAGEMENT SYSTEM
EPA-ESG-PFG IV
ATHENS, GEORGIA06/10/07 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA VERIFICATION: SPOT
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C17629 SAMPLE TYPE: SEDIM

PROJECT NO.: 1-07-369 PROGRAM ELEMENT: SSE
SOURCE: LEES LANE LANDFILL CITY: LOUISVILLE STATE: KYSTATION I.D.: 00017 TPHS,
STREETS STATION NO:

SAMPLE COLLECTIONS START DATE/TIME: 05/19/07 1020

SAMPLE COLLECTIONS STOP DATE/TIME: 06/06/08

COLLECTED BY: S. PASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D: DATE/TIME: 05/20/07 1515 REC'D BY: T BENNETT
SEALED: YESCHEMIST:
ANALYTICAL METHODSREMARKS
REMARKS

SAMPLE LOG VERIFIED BY: WFP DATA VERIFIED BY: DGR

REMARKS

NOTEFOOTNOTES000
00-AVERAGE VALUE = ONE-NOT ANALYZED THAT-INTROPRENTES
01-ESTIMATED VALUE = UN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
02-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
03-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
04-MATERIAL WAS ANALYZED BUT NOT DETECTED. THE NUMBER IS
THE ESTIMATED MINIMUM QUANTITATION LIMIT.SAMPLE AND ANALYSES MANAGEMENT SYSTEM
EPA-ESG-PFG IV
ATHENS, GEORGIA06/10/07 EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA VERIFICATION: SPOT
SEDIMENT/SOIL/SLUDGE(DRY WT)

SAMPLE NO.: 87C17629 SAMPLE TYPE: SEDIM

PROJECT NO.: 1-07-369 PROGRAM ELEMENT: SSE
SOURCE: LEES LANE LANDFILL CITY: LOUISVILLE STATE: KY
STATION I.D.: 00017 TPHS,
STREETS STATION NO:

00000ANALYTICAL RESULTS00000

RESULTS IN: UG/AG COMPOUND NAME
15000U BENZOIC ACID
74000U 2-METHYLPHENOL
74000U (3-ANISOPROPYL)METHYLPHENOL
74000U 2,4,5-TRICHLOROPHENOL
15000U BENZYL ALCOHOL
74000U 4-CHLORANILINE
74000U DIFLUOROFURAN
74000U 2-METHYLNAPHTHALENE
74000U 2-NITROANILINE
74000U 3-NITROANILINE
74000U 4-NITROANILINE
74000U 2,3,4,6-TETRACHLOROPHENOL

00000ANALYTICAL RESULTS00000

RESULTS IN: UG/KG COMPOUND NAME
190000U BENZOIC ACID
93000U 2-METHYLPHENOL
93000U (3-ANISOPROPYL)METHYLPHENOL
93000U 2,4,5-TRICHLOROPHENOL
15000U BENZYL ALCOHOL
93000U 4-CHLORANILINE
93000U DIFLUOROFURAN
15000J 2-METHYLNAPHTHALENE
93000U 2-NITROANILINE
93000U 3-NITROANILINE
92000U 4-NITROANILINE
92000U 2,3,4,6-TETRACHLOROPHENOL
16000JN 2-METHYL(2-METHYLTHIYL)BENZENE (2 ISOMERS)
10000JN 1-METHYLNAPHTHALENE
5600JN 2-METHYLNAPHTHALENE (5 ISOMERS)
40000JN 3-METHYLNAPHTHALENE (5 ISOMERS)
10000JN 2-METHYL(2-METHYLTHIYL)NAPHTHALENE (3 ISOMERS)
10000JN 2-METHYL(2-METHYLTHIYL)BENZENE (2 ISOMERS)

SAMPLE AND ANALYTICAL MANAGEMENT SYSTEM

PROJECT NO.: 07-J09-0001

SOURCE: LEGISLATIVE COUNCIL, STATE OF

CITY: LANSING, STATE: MI

STATION ID: 0001

STORED STATION NO:

SAMPLE NO.: ELC11425 SAMPLE TYPE: NOMINAL

PROJECT NO.: 07-J09-0001 PROJECT ELEMENT: SSP

SOURCE: LEGISLATIVE COUNCIL, STATE: MI

CITY: LANSING, STATE: MI

STATION ID: 0001

STORED STATION NO:

SAMPLE DATE: 06/19/93 1545

TEST DATE: 06/19/93 RECEIVED: 06/20/93; FROM: FEDERAL EXPRESS

TESTER: 3434 DANE/07/93 SENDER: 9000; FAX: 7-6947

CALIBRATION: 06/19/93 1545

ESSENTIAL ANALYTICAL RESULTS	
RESULTS	IN USE/ COMPOUND NAME
0.000	benzoic acid
0.000	benzyl alcohol
0.000	3-ANOD/4-METHYLPHENOL
0.000	2,4,5-TRICHLOROPHENOL
0.000	benzyl chloride
0.000	chlorobenzene
0.000	dimethylbenzene
0.000	ethanol
0.000	isobutylamine
0.000	isobutylbenzene
0.000	isopropylbenzene
0.000	2,4,5,6-TETRACHLOROPHENOL

**DEPT 805 ANALYST TRAINING SYSTEM
LEVELS I, II, & III
STUDY GUIDE**

44 / 10 / 11

RETRACTED - LEGAL ANALYSTS, MISC
STG 4123170, GREF
SCEP&YI/CSL/SLE/EE/EP/HZ

SAMPLE NO.: WTC17624 SAMPLE TYPE: SF01M

FRS/SLTS	IN:	UG/RG	COMPOUND NAME
1300U	-	2-FENZIDIC ACID	
6300U	-	2-METHYLPHENOL	
4300U	(3-ANISYL-4-C)-	METHYLPHENOL	
5300U	3,4,5-TRICHLOROPHENOL		
1300U	PHENYL ALCOHOL		
5500U	-	4-CHLOROBUTYLINE	
6300U	01SFN2OFURAM		
6300U	2-METHYLNAPHTHALENE		
6300U	2-NITROBANILINE		
6300U	3-NITROBANILINE		
6300U	4-NITROBANILINE		
6300U	2,3,4,6-TETRACHLOROPHENOL		

PROJECT NO.: 87-309 PROGRAM ELEMENTS: SSF
SOURCE: LEE'S LANE LANDFILL STATE: NY

STATION I.D.: 0044 IP-17
STORY STATION 463

SAMPLE COLLECTIONS START DATE/TIME 05/19/97 0845
SAMPLE COLLECTIONS STOP DATE/TIME 08/08/98

COLLECTED BY: S MASON RECEIVED FROM: FEDERAL EXPRESS
SAMPLE REC'D DATE / TIME 03/20/07 1515 REC'D BY: T BENNETT
SEALED: YES

**CHEMIST:
ANALYTICAL METHODS:**

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SAMPLE LOG VERIFIED BY: MPP

REMARKS

— 10 —

[View all posts](#) [View all categories](#)

000401NOTES000
BA-AVERAGE VALUE BNA-NOT ANALYZED BNA-INTERFERENCES
PJ-ESTIMATED VALUE BN-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
BK-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
GL-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
BN-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE BNPFR IS
THE ESTIMATED MEAN QUANTITATION LIMIT.

SAMPLE AND ANALYSIS MANAGEMENT SYSTEM
EPA-ESD, RCG IV
ATHENS, GEORGIA

06/10/03

**EXTRACTABLE ORGANIC ANALYSIS, MISC
DATA REPORTING SHEET
SERIAL#415011/SLUGELD, MI**

SAMPLE NO.: 07C17427 SAMPLE TYPE: SEDIM

*****ANALYTICAL RESULTS*****

RESULTS	INS	UG/RG	COMPOUND NAME
15000U	BENZYLIC ACID		
71000U	2-METHYLPHENOL		
71000U	3-ANISOLE	4-METHYLPHENOL	
71000U	3-TRICHLOROPHENOL		
15000U	ACETYL ALCOHOL		
71000U	CYCLOORGANILINE		
71000U	DIMETHYLFURAN		
71000U	2-METHYLPHENYLPHALENE		
71000U	2-NITRODIBENZENE		
71000U	3-NITRODIBENZENE		
71000U	4-NITRODIBENZENE		
71000U	2,3,4,6-TETRACHLOROPHENOL		

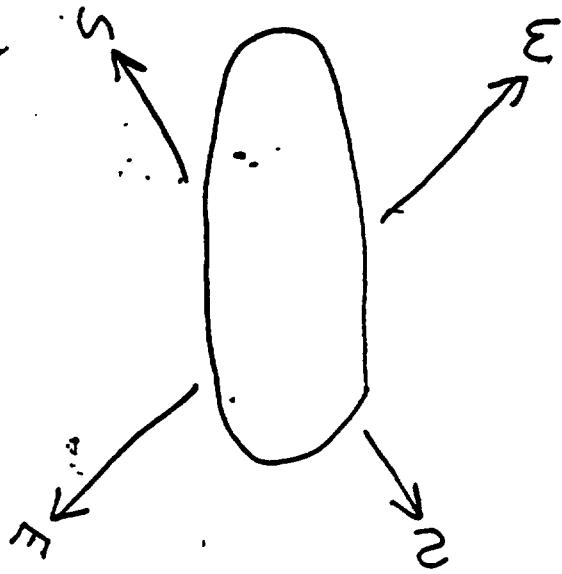
PROJECT NO.: 87-309 PROGRAM ELEMENT: 55C
SOURCE #: 1992-1 AND 1993-1

SOURCE: EEP'S LAMP LAMPFILL
CITY: LOUISVILLE STATE: KY

STATION 1.1.: 0001 10012
182866 182866

SECTION III
Chronological Log

Oriaga



1345 - THEM EGGER ARE OLS. ON DOME & INFRARED SIGHTING

① IS LOCATED 1000 FT FROM STOCHARGE (SIGHT)
100 FT (NORTH) OF CENTER ROAD.

(4-5)
SEVERAL PUFFS OF UNKNOWN NATURE
ARE SUMMER GLOW WITH A BLUISH COLOR
OF WHAT HAPPENED TO THE PAINT WASTE.

② CENTER OF SITE - SIGHTED (2-3)
A YELLOWISH GLUE MATERIALE BURIED
IN ONE SPOT.

DIS MOVE BY PANNE / THEM EGGER
RECON FOR HOT SPOTS

C 5
Title THREE AREA IS LOCATED 25 FT WEST
OF AREA # 2.

③ Area # 3 HAS EXPOSED SURFACE MATERIAL
AND PITS WHICH ARE EXCAVATED AND ASSEMBLED
(2-3)

④ The FOURTH AREA IS LOCATED 25 FT
SOUTH OF AREA # 3 AND CONSISTED OF 3 DRUMS
WHICH ARE EXCAVATED AND BURIED.

⑤ The FIFTH AREA IS LOCATED 40' EAST OF
AREA # 4 AND CONSISTED OF 5-8 DRUMS
EXPOSED SURFACE MATERIAL - EXCAVATED AND BURIED.

1946 E. HARVEY DEPTHS SITE TO CALL NO. 72
CHECK ON PR.

A TOTAL OF 22 DRUMS CONSISTED ENTIRELY
FROM HOME BURN BRICKS. (50% EMPTY)

⑥ AREA # 6 CONSISTS OF 2-3 DRUMS AND IS
LOCATED 75' S.E. OF AREA # 5.
MATERIAL

June 13, 1940 - Rio M. Sono - Planar
near water line, 2150 ft. above
existing 1200 ft. topographic elevation
features at 1 - 4 Yorkton.

1940 - Begin work on east
fracturing.

1850 - Plan clouds, secondary arrives
1900 - Crew departs

Summary: Not used with success
use of saws & explosives
(ie) 2150 ft. width of 455
feet on sec. waterline on
fault. Also, Martin's location
at those sources never used
and so far from 1100 - 1300
to assess progress. There were
other and time of above
occurrences.

Final Summary

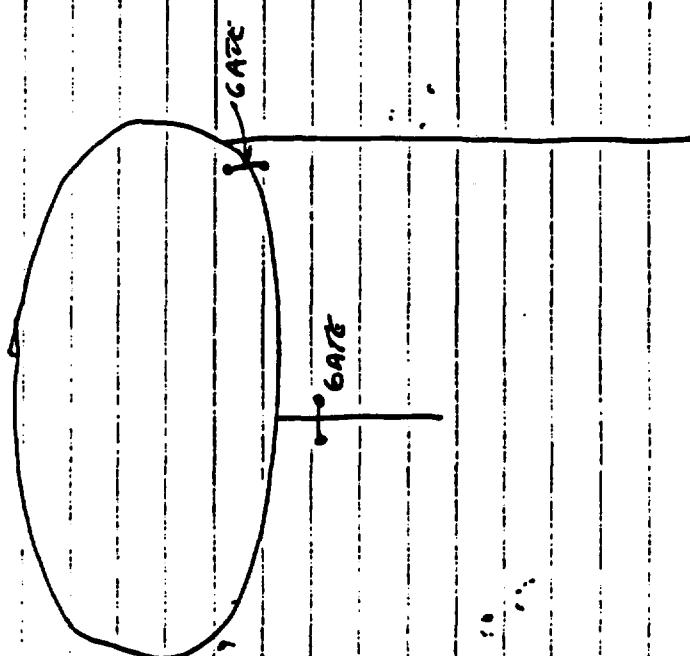
June 14, 1940 : On - 04 - 0203 - 30
Rio M. Sono - 2150' elevation
Gained about 1000 previous
months.

Rock - Fractures increased - to expected
strength increased. Also, progress,
the last 10 days, little trouble.
Rock block designs -
Cone - Recovery from no, Party
Kings, Club, Club, Club, Club
Team vehicles, etc. Report.
Normal working - Once a day.
Rock Cone - Recovery increased.
1915 - Plan clouds, secondary expects
use - Conk. progress on site.
(2) Dr. & Dozers working to open
455' wide channel upstream
as is indicated on fracture.
Ski's were used to bring stones
to site after long public road
free to us. No opposition. One
fracture - "Porous" than others
at 5 - 8 feet and.

1900 - That caused surface to pick
up progress when working -
so the weather was more stable
at 200' working.

1600 - SITE ENTRANCE HAS A CHAIN LINK
FENCE GATE INSTALLED.

AN ADDITIONAL FENCE GATE W/FENCE INSTALLED
ON ROAD ACCESS SOUTH OF THE MAIN
LEVEE ROAD



1700 - SECOND FENCE GATE INSTALLED.

54

etc

Aug 14, 1947 - Mr. James - Chardine and
wife - Ro. down to court
1230 - Auto liner
1330 - Delivery
1400 - Delivery Brock and Bob
Davis of CMC arrive and
S. J. S.
1530 - Clark and Court Brock
1930 - Jim Edwards, Secretary, arrives
and departs

Aug 15 - Chardine and wife leave
1930 - Jim Edwards, Secretary, arrives
and departs

Saturday - Chardine leaves and wife
1930 - Departs
Monday - Chardine and wife leave and
1930 25: 1100 - Chardine

Aug 16 - Clark and Court Brock
1930 - Jim Edwards, Secretary, arrives
and departs

Sunday - Chardine leaves and wife
1930 - Departs
Monday - Chardine and wife leave and
1930 25: 1100 - Chardine

Aug 17 - Clark and Court Brock
1930 - Jim Edwards, Secretary, arrives
and departs

Aug 18 - Clark and Court Brock
1930 - Jim Edwards, Secretary, arrives
and departs

9

11/17/87

0800 - OSC's HATCHER / DANNER O/S
HAZTECH - BERQUIST / CLINGER O/S
CMC - SAVAGE / WILSON O/S
THH - EGGEAR O/S
STATE - CARMY BURROWS O/S

Drum Burian operations continue
WEST OF THE RIVER ACCESS ROAD
BETWEEN ROAD AND RIVER. WORKING
IN THE ~~SW~~ DIRECTION AS OF
0930 HOURS APPROX 51 DRUMS
AT 17 LOCATIONS HAVE BEEN BURIED.

1160 CHANNEL 3 WAF-TV AND CHANNEL 32
O/S INTERVIEWING BARRY BURROWS AND
ED HAT

1200 - AS OF THIS TIME AN ADDITION TO
DAMS HAVE BEEN BURIED WEST OF THE
ACCESS ROAD FOR A TOTAL OF 91 DRUMS
BURIED TODAY AND AT CURRENT RATE
TOTAL OF 141 DAMS BURIED TO DATE

15. ~~July 1960 - K. Sims - G. M. Ladd~~
16. ~~July 1960 - K. Sims - G. M. Ladd~~
17. ~~July 1960 - K. Sims - G. M. Ladd~~
18. ~~July 1960 - K. Sims - G. M. Ladd~~
19. ~~July 1960 - K. Sims - G. M. Ladd~~
20. ~~July 1960 - K. Sims - G. M. Ladd~~
21. ~~July 1960 - K. Sims - G. M. Ladd~~
22. ~~July 1960 - K. Sims - G. M. Ladd~~
23. ~~July 1960 - K. Sims - G. M. Ladd~~
24. ~~July 1960 - K. Sims - G. M. Ladd~~
25. ~~July 1960 - K. Sims - G. M. Ladd~~
26. ~~July 1960 - K. Sims - G. M. Ladd~~
27. ~~July 1960 - K. Sims - G. M. Ladd~~
28. ~~July 1960 - K. Sims - G. M. Ladd~~
29. ~~July 1960 - K. Sims - G. M. Ladd~~
30. ~~July 1960 - K. Sims - G. M. Ladd~~
31. ~~July 1960 - K. Sims - G. M. Ladd~~

15. ~~July 1960 - K. Sims - G. M. Ladd~~
16. ~~July 1960 - K. Sims - G. M. Ladd~~
17. ~~July 1960 - K. Sims - G. M. Ladd~~
18. ~~July 1960 - K. Sims - G. M. Ladd~~
19. ~~July 1960 - K. Sims - G. M. Ladd~~
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21. ~~July 1960 - K. Sims - G. M. Ladd~~
22. ~~July 1960 - K. Sims - G. M. Ladd~~
23. ~~July 1960 - K. Sims - G. M. Ladd~~
24. ~~July 1960 - K. Sims - G. M. Ladd~~
25. ~~July 1960 - K. Sims - G. M. Ladd~~
26. ~~July 1960 - K. Sims - G. M. Ladd~~
27. ~~July 1960 - K. Sims - G. M. Ladd~~
28. ~~July 1960 - K. Sims - G. M. Ladd~~
29. ~~July 1960 - K. Sims - G. M. Ladd~~
30. ~~July 1960 - K. Sims - G. M. Ladd~~
31. ~~July 1960 - K. Sims - G. M. Ladd~~

03-17-87

D3-18-87

R. Doyle replaces T. Egger on site

WAVE-TV-3 arrives

3 more sites 17 more drums buried

Cumulative total 158 drums buried

Departure - 3 unknown motorclst. Cigarré & David the site

1430 Sammy Jones of County Development

Visited site accompanied by two unknown

employees.

1500 Sammy Jones leaves

2 more sites filled; approximately 19 drums

176 cumulative total of drums

1550 16 more drums, 6 sites, near river

192 total cumulative

1635 12 more drums, 204 cumulative

1735 Barrig Burres leaves site for the day

1800 Work on drum burial cease

(To resume at 8 AM 3-18-87) all

persons exit site. Cumulative total

on drums buried = 224

*Ray Doyle**RD*

0800 Ray Doyle arrives, leaves landfill

Raymond Savage & Tommy Welch on site

Cloudy; threat of showers $\approx 45^{\circ}\text{C}$

0830 Drum burial begins for today (near LGEP pad)

0930 156 drums buried. 239 cumulative total

0940 5-24 (hole spot) covered with earth

D. Danner, D. Clinchion Service, Danner, Lewis, HQ

1020 2nd radio service - Rick Jones

1035 Printer white radio truck arrives

15 more drums buried. 254 cumulative total

Note: Both Waver People crews depart

5-13 covered with earth

160 more drums covered/buried

272 cumulative total

1105 11 more drums 281 cumulative total

1130 3 more drums, 294 cumulative total

1130 D. Danner returns

Work break on site. 15 minutes

1330 11 more drums 295 cumulative

1430 last drum buried - 296 cumulative

locks' chains purchased and

installed. Danner, Clinchion Service, Welch

and Doyle leave site for the day

Ray Doyle

16 Aug 1990 0400 - 0530

Arrived - Sim's

Leaving - 10 min early to get high gear, to go to
the bank and buy a car.

1000 - Check advances

Mark standard time

Tony Welch

H. Black

Gary Thompson

John Heaton

L. L. Korn

Alan Thomas

Chris Tassidas

Patricia Rose

Clinton Hwang

Howard E. and Barbara

Nick Makosse

Chris W. Johnson

Grace Johnson Johnson

Kay Lee

Lawrence Sere

Jim Edwards, recently departed

Cost - Fischer & picone inc

Chris Hollis / and wife

Cost - Alice Hart

Cost - Michael, Barbara & Charles

Cost - H. L. Smith - Sam and

Cost - Edward Shleifer & Barbara

16 June 5th - 0500 - 0630 - Standard

1030 -

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103

5/18/87

1330 - TAT Latham arrives at Lees land

fill. Sampling Company & Harteck already

at 5120

1345 - Depart. site for camera

1430 - Arrived back on site

1445 - Trackhoe begins to move toward S1 pit

diggings. EBASCO will be doing the

sampling or 10 test holes.

1455 - Track hoe begins digging hole #1 on the

South end. Test pit designated TP#11

be numbered consecutively.

1500 - Through w/ TP#1 - No sign of trash.

P.t. approx. 12 ft deep. EBASCO is

monitoring air while digging. Is going on

1505 - Begin digging TP#2

1520 - TP#2 completed no sign of trash

approx. 10 ft deep.

1525 - State Personnel arrives on site

Berry/ Burress w/ KDNREM

1530 - Begin digging TP#3

1540 - Finished digging approx 12ft. No

sign of trash

1555 - TP#4 - Trash has been found.

Burress departed S1 site @ 1545

1600 - Beverly arrives on site.

1605 - Completed TP#4 found trash all the way -

to 13 ft. Hwy reading of 12pm.

1615 - Begin digging TP#5 - Some sign of trash

1620 - Completed TP#5

1620 - Completed TP#5 - Some sign of trash

trash.

1115 - Begin digging TP#20

1120 - Completed TP#20 - No sign of trash.

TP#20 is located at North boundary.

1130 - Begin digging TP#19

1135 - Completed TP#19 - No sign of trash

approx. 10 ft. deep

1150 - Begin digging TP#18 - Found a little

trash. Dry approx. 10 St.

1100 - Completed digging TP#18

1515 - EBASCO begins decomming.

1535 - Gates locked everyone departs 5:00

Summary of day: A total of 8 TP where

dug covering the South track(5TP) and

North track (3TP). Photograph taken of

each pit when departing a Mr. Simpson

stated that the equipment left at land P.11

would not be safe. He stated last year

a battery & chainsaw were stolen. No security

guard was left on site. Three men

were shooting their guns down in the

land fill, they did not know we were

working down there.

TP#4 - TP#5

TP#6 - TP#7

TP#8 - TP#9

TP#10 - TP#11

TP#12 - TP#13

TP#14 - TP#15

TP#16 - TP#17

TP#18 - TP#19

TP#20 - TP#21

TP#22 - TP#23

TP#24 - TP#25

TP#26 - TP#27

TP#28 - TP#29

TP#30 - TP#31

TP#32 - TP#33

TP#34 - TP#35

TP#36 - TP#37

TP#38 - TP#39

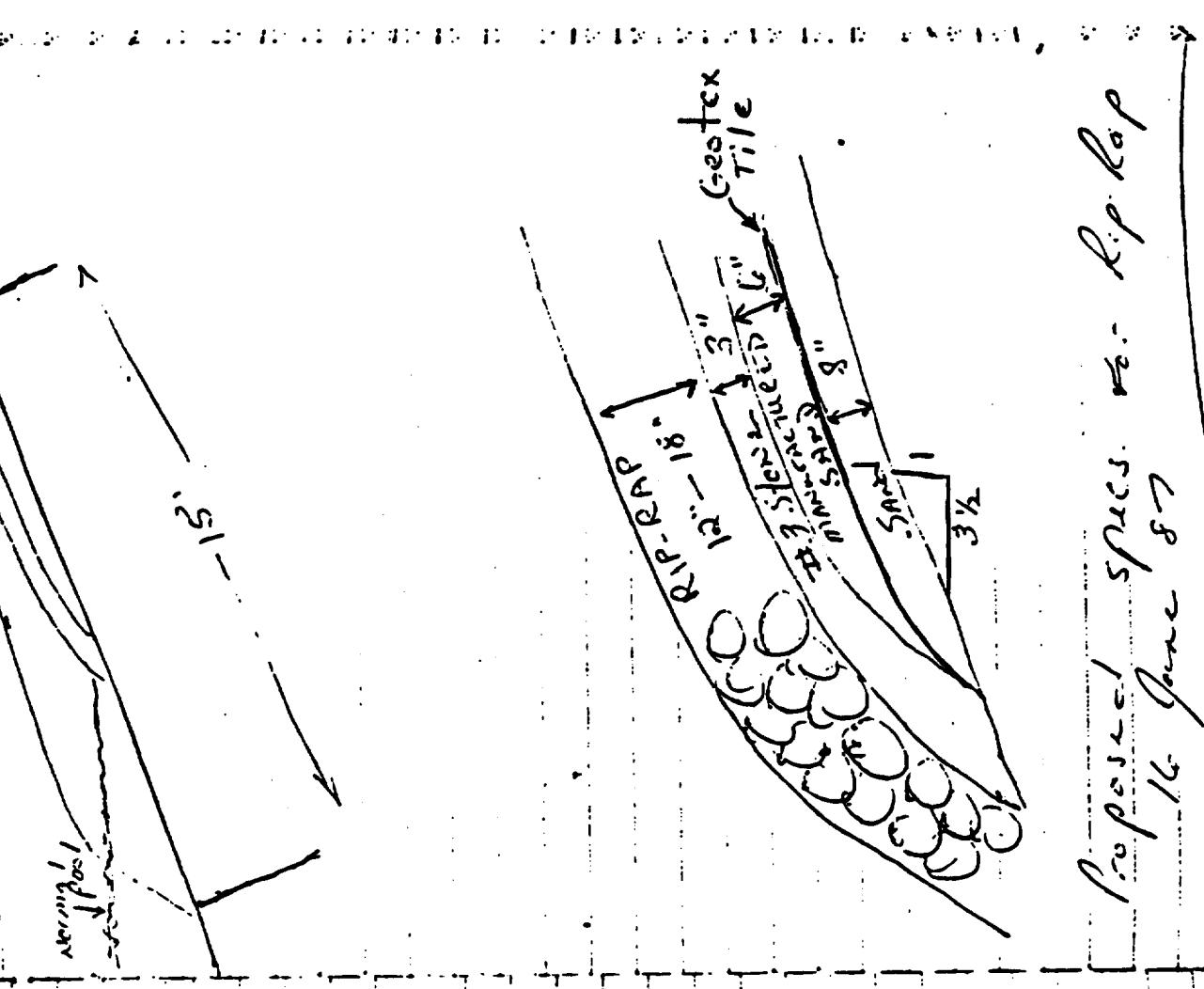
TP#40 - TP#41

TP#42 - TP#43

16 June 87 Kansas - Continued

Shaw Tree King is calling
 now - 1100 - 1400 - normal.
 1600 - Dark - Bird is - the air
 is
 Figurines & Calipers mouth /
 Projections - Answered of class /
 Management and skill - works
 with some error
 1645 - Birds alighted with
 A. ibanis & M. Honduras
 adjacent. bird with wings
 1730 - Signaling short. down
 the tree - heavy rain and
 local weather.

1800 - first portion secondly answers
 1830 - birds depart state
 Summary - dark clouds
 on slopes on great wing.
 of birds shake off rain
 to make round. the rain
 which is damp & damp
 and birds fly in part and
 shake off the rain also
 rain and debris
 H. P. birds and small debris
 first time



12 Jan 87 visitors day

12 Jan 87 visitors day

Wright, Sims 1795

Went to - received 10 visitors

expect they'll go - short change

and new signs will be -

Stuart, Tom - "What does -

the place", John Luttrell -

Kirk, Dick, Eckman, Chris Tinkler

CMC - Deane Weston, P.

Harris, Al Cook, Dr. Johnson,

DeWitt, G. P. Gandy, C.

Shelton, Al Beck, R.

Decker, R. Davis, R. C.

R. Frazee, etc. discussed

8822 - 3 loads sand delivered

Note: we've been sand

lack of materials and when

first load, it was the worst

so - PT's with less energy

load of sand delivered

8820 - A sign and so forth

8918 - 3 loads sand delivered

8920 - CSC Denver & Street, Elton and

as before

8930 - 7197 off sign

1030 - That off sign - CSC Denver &

Al. St. Paul, T. M. Kinsella

and 14 - 15 more loads

8824 - sand more, and

area by fire. Some - others

surface claim in there. Very

badly hit the this one at

train to top and some

carries his bag pieces to

passenger train and

at 1100.

1100 - Norman coming employee

lawyer piece work and

first he a bare outline of

fire top released from

skidder - took and the new

Albany General Hospital fire

8829 -

PT's fire fighter and

Mark Hassan and signs

under top fire. CSC Denver

and Elton, Elton and

from Elton signs

8830 - fire also some parts the

repair that were has

only a small tank

and is going home.

1130 - CSC Denver

5/19/87

0700 - TAT Lathram & Ebasco Ballo &
EPA Houston arrive on site.

2 Scatter conditions: scattered
showers throughout the day w/
a high off 85° F.

0710 - Ebasco start on site

0730 - Haptick - Brian Dremien

0800 - Ebasco decon bucket to be done. For
sampling of center track. Plans for the
day is to begin sampling 10 TP in the
center track. After each. dis the bucket
will be deconed.

0815 - Trichloro mairs to test pit

0845 - TP begins to be done T#17.

Cement is hot approx. 3 ft down

0850 - Decon of bucket begins

0925 - Completed decon moving to T#16

0910 - Digging T#16 Composite sample taken at

2 foot level, mostly dirt, trash, plastic, &
fiberglass matting, bricks, bottles, 4 feet
sample. Test pit is perpendicular to
river. 6 foot sample taken. Flatten
drums, no OVA or HNk readings.

Trash goes about 5 ft. down. P2

drum approx 8 ft. Undisturbed river
atmosium (URA). Tit 8 feet long

0925 - Completed digging, sampling, back filling

T#16. Hole marked w/ stake indicating

5/19/87

work: Decon of bucket begins

0945 - Decon completed moving to T#15

1000 - Begin digging T#15. Soot sample

no trash. L Soot sample has reading

of 1.5 ppm HNk, some trash found

1010 - Al Great departs site w/ Collier

T#15 sample @ 10 ft. 3 ft wide

8 ft. long. first 3 ft. Clean 50% (backfill)

then encumbered trash (mostly metal

trash pipe). free flowing water @

10 ft.

1020. Completed T#15 basins

Sampling decoupling of bucket

1045 - Decon completed moving to T#14

1050 - Begin digging. 2 foot sample collected

brick, concrete, boards, pipe 4 feet

HNk reading 10 ppm, black, tan

substance. Sample @ 8 ft. Reading 0.2

ppm. Length of hole is approx. 8 ft.

Strong odored. Stood around and took

continuous breathing air monitoring

1100 - Completed digging, sampling, filling

T#14. Begin digging when water gets

back on site. At: 1040 OSC & Tech

Want to make phone call & get water

for trash ter

1105 Beverly Houston departs site

1125 - OSC & Tech back on site w/ water

Brian Dremien still not back on site. He

5/19/87

- 1150 - TPT, OSC & crew depart for lunch
 1315 - Crew back on site from lunch. When we arrived car full of people. State Berry Burrus, Al O'neal, 2 other persons arrived. Car full of people. State Berry
 1320 - ~~TP#10~~ Car departs site. Decon of test hole to the bucket begins
 1325 - Bevety Houston back on site.
 1330 - Brian Danner on site @ 1200
 1340 - Begin moving to TP#13
 1350 - Begin digging TP#13. This will be a duplicate sample. 2 foot - red clay
 Sandy, fill. 2 foot, brown on top
 West red on the east. 5 foot
 Sample. Obj: Section at 45° was
 brown sand. Foot sample located
 U.R.A. Some fiber glass material
 cement pipe.
 1400 - Completed digging, sampling, resampling
 TP. Moving up for dinner
 1425 - Begin moving to TP#12
 1430 - Begin digging TP#12. Fill dirt at surface concrete, rubble, metal debris, brick pipe. 2 foot sample. Wood in it
 Sample. 8 ft. Sample. 10 ft. sample
 1440 - Begin completed digging, sampling, filling
 TP#12
 1500 - Begin moving to TP#11
 1510 - Begin digging TP#11. Sample 3.5 ft
 Sample 7 ft. URA from ground down
 th 2A.

5/19/87

- 1515 - Completed TP#11. Last TP in
 Center section to be sampled
 1520 - TP#10 begin digging. Trash found just below surface all the way to
 8 ft. The trash consists of a red paint
 and black wood as if burned.
 1525 - Completed digging & filling TP#10
 1535 - Begin digging TP#9. Trash debris
 from ground to 12ft. This marks the
 last TP between TP#5 & TP#9.
 1600 - OSC Danner departs site to Valley of the
 drums leaving instructions to find hot zones
 in head fill and cover w/ dirt. Work until
 1700 hr.
 1615 - OSC Danner makes decision not to
 look for hot zones and instead to
 close down for the day & plan to demote
 on 5/20/87. OSC departs site for Valley
 of the drums. Will do 55° @ 1930.
 1715 - Sites back. Summary of the day:
 Test pit number due by tank full
 sample rototiller were taken, bucket
 decommed. This was 8 ft day and
 7 of the 8 ft were sampled. Other
 TP sites were dug in the center
 back of the trench fill. All TP
 were identified for survey crews.

1930 P.M. 5/19/87

17 June 1980 Commissied

18 June 1980 - Thursday

4115 - 3 loads sand and gravel
1600 - short timbers, Johns Bros.
etc - 20' x 8' supply car.
etc - 20' x 8' load, 20' x 8' x 8' -
1800 - 20' x 8' load, 20' x 8' x 8'

Arrived
1900 - Crew departs
Note: 1/4 tons sand & chippings
this date.

Kent Jones

1600 - clearances -
Alderman - cleared to 80' apart
high to 90'. 5% incline and
8' 7" - 10' 6" bays over the
ramps - 10' 6" to 10' 6".
20' narrow, 20' wide, C. towards
K. side houses

CME - St. Mort's and A. Evans,
H. J. Bank, T. Jackson,
G. R. Youngs, C. J. H. Han,
C. Norman, A. Richardson,
R. Cox, B. Evans, M. Brock,

M. Davis, B. Edelwich,
E. Wood, severely injured.

0800: 2 tons sand and chippings
0817 - ESC (on site 0700) agrees
to use 14x2 feet figures
etc. Each load truck (35' long)
is high are: \$70.00 hr, \$5.00 per day,
\$244.00 wk, \$1600.00 mo -
Penalties and discounts of those
figures. ESC also agrees to
use truck figures for
gally loader, - pending understanding

0820 - 3 tons sand
08415 - 3 tons sand
0905 - 3 tons sand

5/20/87

0845 - TATM return, OSC Danner, Jackie Corman arrive on site. Weather conditions showers expected all day temp in 75-80°F.

When arrived on site, F-16s were already on site to mark YP w/ flag stakes.

0930 - OSC Danner and Jackie Corman depart site. Due to morning site identification to find proposed launch on the southern limits.

Discussed options to cover track at next phase of Zeeb & Lane Sandfill. POLREP written. OSC estimate ERCS bill @ \$4000.

0645 TATM Burch arrives at site, intense on his due and ankles sore. C. 710 PM one bird spot arrived, TATM's bird performs a dive through respective reconnaisance no other parties observed on the site.

0750 TATM bird left site, went to pay shore called A.C. Taylor command post ashore, asked the situation was nothing of Haptid bird bird through TATM Pay Shore that first set land come up was later was were due around noon.

0815 TATM small initial ATTC Eggplant birds called EPP Pitts site. OSC Danner's were out of the office and EPP's had taken

Flight of the plane for day's schedule 0625 - TATM Burch arrived back at site. During reconnaissance was performed on this entire site to determine if there cutters were present. 76 on board site.

0920 Mark Horning (TAT) arrived at site, and called up command to deliver to the d.l. Taylor site. 0930 Horning left. 0930 - TATM bird left site, called ATTC to inform him that no personnel had been found on site. ATTC informed that Corman and Taylor personnel were expected around noon but may arrive earlier. He instructed TATM Burch to remain at site entrance to monitor arrival time of equipment & personnel.

1015 TATM - bird arrived at site. Temperature increasing ~ 75°F.

"Cloud" cover present - intermittent, bright sun. 1215 - Siemers arrived - Attic T.T. arrives on site.

1213 Dan Monroe and Stuart Island (Hatched) arrives on site. Stuart Island will be Vogel's prep manager. Elian said that no actual work would probably be performed today. City Engineer (Schenckerty) who expected to arrive by 1330 hours to discuss location of command post with Vogel.

18 June 87 Thursday Continued

- 0940 - 3 loads sand delivered
1000 - 3 loads sand delivered
W. C. Lennard, D. Stenby,
T. M. Kinsler of "D" force
Engineering and 5th to
Engineering Surveyor.
1015 - TR off site
1045 - TR on site
1100 - ESC alarm in W. C. Lennard
Station
1115 - TR off site
1130 - TR slope off site
1200 - Breaker on off site
1215 - 4 loads sand delivered
1230 - Reserve equipment
1245 - 2 loads sand delivered
1300 - Fuel delivery
ESC alarm on W. C. Lennard
Refugee site
1315 - TR 3ms. takes ESC
station to kennel in airport
to catch flight - return to
Athens.

- 1430 - TR Sims back on site
site this 15th - C. blocks security, arrives
1400 - C. in Vespers
Nite. 52 hours sand delivered
and water on loads delivered

19 June 87 Tuesday

- 0700 - Crew on job - kick around.
Tawhiti and others go to
Cutter site - Considering events
Evans & Ward as security were sites
0745 - 3 loads sand delivered
0825 - 3 loads sand delivered
0830 - TR checks progress on
sites - Both dozers
as tractor to take paper
and trucked working on
tree stumps east end - central
section 125 truck load assaying
chopper loading, 1935
dozer working on sand
pile, one loader back to
drop truck, 450 / tree assaying
slope on
0915 - 3 loads sand delivered
1015 - 3 loads sand delivered
1030 - End work, ESC, car 1/5 -
1115 Alan Wilson, permanent
Smat Harry Morris, key witness
Measurment discussions aoints

start a tree-fender was effected to:

arrive today for H.A.T.C.C., "and" a

logger for Coman. Today would also

be spent mobilizing other equipment,

and breaking down up power

(electric lines) and telephone lines.

Hastily re-pe. walked down Leis' lane

past the guard rail / road bank to look

for suitable location for command post and gallery trailer.

1335 T.A.L. built drove Highlands' Island

and Herring and STATION WINDSOR around

site to look for other possible command post locations.

1254 - Hastings' Island and Herring left

site to make necessary power and data

telephone line contacts.

1345 Hestell returned from errant runny.

1359 Coman & Denney Thornton arrived.

(Com) : Site ready walking down east area

of test dig. Coman and Compton looked at

areas of command post on Leis' lane

post favorable. Post (T.A.T., Hastings, and Herring)

walked down to bank to look for a point

to stand work. Coman discussed the cipher.

They worked long which could handle

logs up to 4 and 5 inches. Larger logs

cannot be given away or buried on

site. Coman said after the trees had

been cleared and graded enough -

Hf. 3 rock and rig now would be put in place: A contract logger would be on-site tomorrow to discuss taking out marketable timber: Coman would supply dozer from Hickoburke's tomorrow and it was expected to arrive at approximately 1000-1030 hours. C.R. was determined that cleaning operation would start at approximate time of first testing: Island of Hastings' said they were going to run embankments and make necessary share falls from the A.L. Taylor site. C.R. was declined to meet at the best site of approx. 1400 hours.

1430 - C.R. Coman, Denney Thornton, Stoney Island, and Dan Edwards left site.

1450 - Coman & Denney Thornton arrived.

June 1, 1957 0820 T.A.T. arrived Herring

0825 - Denney Thornton and C.R. arrived with truck.

0830 - T.A.T. P.M. Keith Finch arrived on site.

0840 - C.R. Coman and C.R. C.R. of Herring carrying supplies on site. Herring said that he would bring in wood if he could get it.

0845 - C.R. Coman and C.R. C.R. of Herring

had to wait for the supplies to come in.

Site and long grade - Elkin Blaster, otherwise -

19 June 57 Friday Continued

Kirch, Sims - TAT

by about 100' to be covered
w/ you don't catch stay home
leisurely. This is discussed
with J. H. (John) Palmer,
who suggests using compactor
to "soil" over fine sand
maney. (like to large area)

1045 - 4' clear delivered on
site with one pick-up

escarp. To help "dig up"
operator and George
Purcell, truck driver, on
site.

1100 - Break for lunch

1230 - Crew back on job

1245 - 3 tons sand delivered

1300 - Note; Mr. Palmer, P.D. Stanley,

and T. MacKesier, however

Engineering supervisor have

been at site since 0435

TAT did not make a note

at that time. TAT also

forgot to list even one

site at beginning of work

day - L. V. Lampert (cont). Party,

L. Shattock (cont), K. Davis (part)

Excluded. Back (part) tender

1. John (cont) - 1045, G. Maran (cont'd)

W. Kinnear (cont) - tractor, trailer (cont'd)
trackhoe, D.C. wheel, clamshell etc.
R. Cox (cont) & R. Shattock (cont) discussed

G. Maran (cont) - skidder, P. Lampert (cont)
P. Lampert (cont) 950 loader, 450 dozer

1330 - 3 loads sand delivered

1415 - 109 loaded trailer comes on site

1500 - 3 loads sand delivered

1600 - ESC delivered carts - we discuss

esc decide to use trailer, agrees

to use trailer. Esc同意 by 1515

1700 - Esc works, TAT does not

work, TAT does not

Compactor - 600 hr, 5000 day, 200000

6500 m. These two items not

on 0435 note list.)

1845 - Jim was securely secured

1900 - Crew expects to phone

surround in case until in uncarried (6) form
Even this point, & full restoration will
still bring this down to around 100%
The only cost of this effort is the cost of the
time spent on the part of a number of people.
(6-7) stand in a number of cases there
is little cost to the rest because there
are cases that are less expensive than others.

6-8 stand in a number of cases there
is little cost to the rest because there

6-9 OSC business, HIGHLIGHTS AND PROBLEMS

6-10 OSC business, HIGHLIGHTS AND PROBLEMS

6-11 OSC business, HIGHLIGHTS AND PROBLEMS

6-12 OSC business, HIGHLIGHTS AND PROBLEMS

6-13 OSC business, HIGHLIGHTS AND PROBLEMS

6-14 OSC business, HIGHLIGHTS AND PROBLEMS

6-15 OSC business, HIGHLIGHTS AND PROBLEMS

6-16 OSC business, HIGHLIGHTS AND PROBLEMS

6-17 OSC business, HIGHLIGHTS AND PROBLEMS

6-18 OSC business, HIGHLIGHTS AND PROBLEMS

6-19 OSC business, HIGHLIGHTS AND PROBLEMS

6-20 OSC business, HIGHLIGHTS AND PROBLEMS

6-21 OSC business, HIGHLIGHTS AND PROBLEMS

6-22 OSC business, HIGHLIGHTS AND PROBLEMS

6-23 OSC business, HIGHLIGHTS AND PROBLEMS

6-24 OSC business, HIGHLIGHTS AND PROBLEMS

6-25 OSC business, HIGHLIGHTS AND PROBLEMS

6-26 OSC business, HIGHLIGHTS AND PROBLEMS

6-27 OSC business, HIGHLIGHTS AND PROBLEMS

6-28 OSC business, HIGHLIGHTS AND PROBLEMS

6-29 OSC business, HIGHLIGHTS AND PROBLEMS

6-30 OSC business, HIGHLIGHTS AND PROBLEMS

6-31 OSC business, HIGHLIGHTS AND PROBLEMS

6-32 OSC business, HIGHLIGHTS AND PROBLEMS

6-33 OSC business, HIGHLIGHTS AND PROBLEMS

6-34 OSC business, HIGHLIGHTS AND PROBLEMS

are gone & so Saturday

Kathy Sims - TPA

Weather - 72° - overcast

Forecast - 90° - 70% rain chance

1000 - Continued

1000 - Much progress on site -

cl-6, A-1, D-1, D-2, slopes sloping east

west end, G1, R55 low areas

lowlaid Euclid, 100' on hill

on west end, cl-6 -

Ridge, K. Shallow, W. Shallow

G. Ledges, N. Steep, E3, W3, W4,

T. Hump, G. Macaw, T. Wall

P. Ledge, A. Shallow, on back,

E. Shallow, S. Shallow, S. Shallow

1000 - Sun about 80% of available

1000 - 70% back on site is

D. Grace has incision at Marion

West side, obviously between

one over clay (cemented) and

one to the other it has been

decided that this is occurring

of fresh cut but will

not be geologically sensible

1000 - Break for lunch

1230 - Come back on job site

1400 - Water - 100' out stopper removed

etc. back - stretcher laid planned

the pump water risen never

on the holding pool but

20 June 87 Saturday Continued

1000 - Much progress on site -

cl-6, D-1, D-2, slopes sloping east

west end, G1, R55 low areas

lowlaid Euclid, 100' on hill

on west end, cl-6 -

Ridge, K. Shallow, W. Shallow

G. Ledges, N. Steep, E3, W3, W4,

T. Hump, G. Macaw, T. Wall

P. Ledge, A. Shallow, on back,

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the pump water risen never

on the holding pool but

(Continued)

- "wind" was jagged. 1412 TEC in talk
OSC Danner, Gumper and Chapman went
to site in "Kirkland" SUVs on vehicle
in mind. tomorrow. OSC Danner
told "E-Hank" that she only wanted 2
trailers - one for dinner, office and
one for "gully". H-TECH had planned
an "Army" piece.
- 1650 Baker, Lillard and Womack
make dive through reconnaissance
H-TECH. Tech personnel discussed
equipment and materials that they
needed at "Ring".
- 1715 OSC Danner told T-TECH Womack
to videotape Surveyor, Gumper, and
anything else of interest.
1800 Womack & OSC Danner checked on
work that had been done by Stark Ranch.
Gump and "Ring" were coincidentally
"unfact of contract" time.
- 1945 "Survey group" arrived
1945 "Dollie" or "dugout" - "Kirkman"
retreated at city entrance.
- 1950 personnel left site. S. Womack
T-TECH
- 1955 T-TECH Womack arrived on site.
- Sixty-five "island"lein Marrow of "Kirkman"
are present. All present - the tanks
Hansen and Mike Kinn of CMC.

Weidner: Clear, over. Rain is forecast
for afternoon.

0700 OSC Danner and Hansen arrived at site
along with Sam Wilson of L-BASCO. all
personnel gas to work. They went back (while)
0720 Mike Kinn and Mike French

Began work with bulldozer and backhoe.
They continue to clear grass and brush.
OSC Danner gave T-TECH Womack instructions:

- 1) ask "Kirkman" if he knows address. 2) find
who can provide parts like 2) plus
no "reversing signs". 3) Send H-TECH "Ring"
0725 OSC Danner and Hansen took

about surveying work. Danner went back,
making them and his guys marked.

- 0750 gas pipeline of "Kirkman" brought a load
of gravel in dump truck. H-TECH gate
locked not open and he had to open

it. Mechanic.

- 0830 Post-p. set delivered; Womack tried to push him away.
- 0840 T-TECH Tim Eggen called and talked to Womack
and Hansen. They discussed getting
parts from company. Danner also asked

Eggen to contact Barry Burns about moving
junk cars.

- 0930 Clay Corrigan arrived on site. He and
Danner drove to look at "Ring".
0945 Pumpkins "reduced". Vintons of gravel
near where trailers will be used. Burns,

21 January 1873 - Sunday

卷之三

Wadsworth 70% under contract
Forecast - 85% 35% over

Kellogg - June 1910
Washington 90° overcast
Forecast - 85° 35% overcast

1920 - C. nebulosus ssp. - L. v. Bork.,
C. Tenuiss., K. diekholzii, B. slans,
H. Brock., d. Marcesc., Q. armata,
R. lof., K. Schellon, V. Sheldoni,
Q. hispida b., A. Mearnsi, B. ciliata,
Q. varia, Q. Marcellae, T. welsch.

225 - from original; second, experts

discovered a higher form
of knowledge. Various forms

him - the sets. May I see best,
please!

10.15 - Almeda and I at living room

DC = Diaphragm - Regulates air flow
has pink / .

1115 - Land at bay
1130 - lunch 44.5

1200 - *Chen* has no software - ~~nothing~~
1230 - *HT effects* progresses on schedule.

except that, as far as I know,

1300 - Bell Island; ~~atmos~~ atmo

Forecast - 8% - 30% new chance

1900 - Cleveland and sister - L. & R. Park,

C. Tawhīs, R. Eddie Henderson, B. Adams,
M. Brock, S. Marrow, J. Norman,

R. Hof., K. Schellon, v. Steffens,
O. Schmitz, B. Koenig, B. Siegfried

Lynden, J. Marshall, T. Welch.

1905 - From his dad in Scotland, a sports

1000 - *K. elckensis* gives about 1/4 as much base on the average.

I him - the sets. May get electric books,
also on the /

1915 = Missed much of the following year.

has pink /

113 = train delay -
1130 = hours - 1 - 1452

1930 - 1931 back out. 30 per cent.

سیزدهمین جلسه کنگره اسلامی ایران

except such, as such.

- the site.
- 1005 Skiller unloaded. Driver leaves site with truck and trailer - goes to get Skiller and Schlesinger ready.
- 1020 Start cutting trees in under tract.
- 1020 OSC Danner says that private may be brought over from Valley of Dreams site.
- 1030 Dan Monroe tells T & M Woodson that estimated contractor costs for Monday and Tuesday are \$4,000. Woodson incorporates M.L.C.P.
- 1030 Survey Bureau of KYKUTEC arrives on site and talk to OSC Danner. He says that he will try to find someone to remove joint ease.
- 1035 Trackhoe stops work to remove joint ease.
- 1100 English print office trailer on hold. They - wanting to hold on P.V. as a holding office.
- 1120 Jim Egert arrives on site to give camera to Woodson and pick up P.L.R.P. equipment. Woodson tells to work on right side of hole to protect property.
- 1130 Survey crew arrives on site. Danner's truck needs to be done.
- 1210 Time Log, Survey, Thruster and Dutch Wall leave site.
- 1210 Mark Hennah comes trackhoe. New
- 1215 Survey operator stops on hand.
- 1230 Stein Wicks leaves site. Jackie commands driver to stop on site.
- 1245 Clay and Jackie common tools change to work area (contractor).
- 1255 Another load of gravel delivered.
- 1300 Willard Skidrow comes with backhoe / front end loader to deliver new trackhoe.
- 1300 Bulldozer back to work.
- 1315 Trackhoe back to work.
- 1315 Loggers break for lunch.
- 1330 Loggers back to work.
- 1340 OSC Danner and Steve Eiland go to look at loggers and work area.
- 1405 C.D. Stinnett of South Central Bell comes to see about telephone service.
- 1425 Charlie Simpson, local logger, tells him to go up and said that he probably had cars off. He didn't say so, on case him first would pictures to OSC Danner.
- 1445 Jim men with H.G. Shaw into site. He drives light gravel truck with flat bed.
- 1530 Bulldozer begins working in backhoe work.
- 1600 Dan Monroe tells OSC Danner that
2. technician, operator, and supplies

22 June 27	Monetary	With Sims P.M.	22 June 52	Monetary	Chambers
Weather - moderate & 80°			81°	Min Quality	8 - 10% of
Forecast - 50% sun & chance				sun mills operating	each day
226 - Chilled on left side				of ademan who is currently	
L.C. Rankin, P. McLean, A. Harris,				suffering from disease	not fits
B. Davis, George Brock, M. Thornton,				says he is losing money	
R. Walker & Wallace, D. Macmillan,				stealing from his	/Sawmill
G. Norman, W. Sheldene, R. Franklin,				to Teddies because the can	
H. Taylor, G. Langford, M. Forrest,				not much good material	
A. West, N. Joseph, M. Price				in surface material at other site	
J. Pittman, T. Weston, M. Hartley				8953 - 2 tons sand delivered	
(1230)				1020 - 3 tons sand delivered	
Jim Woods, secretary, occ. site				1041 - 3 tons sand delivered	
0230 - Romeo dump truck				1118 - 3 loads sand delivered	
arrived to ready stoppage				1200 - Break tan lunch	
loaded Joseph, class.				1230 - Paul stick car flat	
Bob Woodward, Ebbae on site				1250 - 3 tons sand delivered	
C. H. Bishop, Jack Arndt on site				1310 - Clay Lagoon Conc. on site -	
0255 - 3 load sand delivered				discreetly experimental coloring -	
0256 - H. Bishop, Jack Arndt on site				Conrad says he will need rubber	
0256 - 2 load sand delivered				stain lumber on site to	
0257 - 1 load sand delivered				put down paper to keep	
0258 - 3 loads sand delivered				soil from falling trees off film	
0259 - 3 loads sand delivered				and no stain stain when	
0259 - 3 loads sand delivered				soil clinging to slope. some	
0259 - 3 loads sand delivered				of these bags represent (D.E.	
0259 - 3 loads sand delivered				etc.) others contain	
0259 - 3 loads sand delivered				material for construction	
0259 - 3 loads sand delivered				and houses. Project is not	
0259 - 3 loads sand delivered				done yet	

- From Atlanta with her on site tomorrow.
Sawyer will be there at 1100 also.
- 1600 Tractor begins moving debris from trailer area to scatter sand at northern tract. A 750 gallon tank with water and tiresome in ground in trailer area. Shovel stops hydraulic lift.
- 1610 OSC leaves site. Atlanta TPA office and talks to Mafessey. They claim that someone may pick up tank and recycle. However, "E" wants to locate recycler for junk metal and tiresome. He called several places.
- 1630 T-Block and OSC dinner at mine second tank found in trailer area. Cut the same length in it.
- 1630 Freightie backs into truck bay in trailer area.
- 1645 Lillard continues to try to find signage with no success.
- 1700 Sam Miller puts "No Trespassing" signs up throughout site.
- 1700 TPA, which includes all trespassers, arrives, drops off site. T-Block keeps lumper from 50' cube set up.
- 1710 Dan Dawson completes putting signs up.
- 1725 Jim Thomas returns with injured leg/hand/knee.
- 1730 LPD auto employee goes sick. OSC

- 1735 Jim Thomas leaves. Leaves his time manager filling out on page.
- 1800 OSC dinner. Notices gas smell in pit. Person lost on Raft.
- 1815 Investigators begin site. Name tells them to come back tomorrow. They said that they would be back later tomorrow. They said that H-1 and H-2 didn't need to stay up. Steve Norman comes back. He said nothing else has reacted. No new other loggers or clipping. Also shipping are down, however, and Daney.
- 1845 Chiper burns general with long piece (Ex) Spotted Log 1800 Log displaced from chiper
- 1900 Robert Motch - Princeton Security arrives
- 1915 Personnel leave site. S. Woodson June 4, 1987
- 0700 Tall wooden arrives on site. Following personnel are present: Hagedorn - Head Island, Dan Monroe, Chris Fowler, and Kirk Dickerson. Norman tapping - Steve Norman says Cox, and Kinnier were. John Little and Eddie Hammond are distributing a 165' banner. RPK is operating. Steve Deshortins drives up from Atlanta and include more tree cutting and clearing.

22 June 1968 Monthly Outbills

1315 -	3 bowls sand & glazed							
1340 -	3 bowls sand glazed							
1415 -	Bel glazed and white							
1430 -	Compost bin & top							
	arrives:							
	Sam bottom, top and white							
	Quality requires and with							
	arrives & appearance of glass							
	glass must be spotless or in							
	shape and sinkable							
	3 bowls sand glazed							
1430 -	3 bowls sand glazed							
1445 -	Bel glazed ceramic							
1515 -	Jim Woods. Seven qt concrete							
1900 -	Glazed depocels							
*	Summary of Receipt & Sent							
	Repacked three pieces 75%							
	Completed shaping size							
	Complete and packed							
	Plates top ref. at							
	Wafer three size pieces 87							
	Costs to return as are 4 21 87							
	EKCS Contractor - 202 330							
	c-17							
	211							
	10,730							
15% Other costs	2500							
Avail Bills	229 513							
Total	279,518							

- 0715 - Dan "Mormon", Kirk Dickenson, Chas Hartline, John Little, and Steve Paetzlein.中央吊臂上部。Buddy Hammons
Lever side with tractor and tanking.
O.S.C. Danner arrived on site.
- 0730 - Mackie French about 1/2 mile up and
out gully to central truck to work.
Mike Penn starts dozer up and begins
work in southern part of northern tract.
- 0735 - Jim Strober and Kurt Dickerson get
chain saws ready for log trimming.
0740 - Mike gets up and starts work
in area near French. Edna arrives
Toult and Dickerson know to separate
Chopper.
- 0745 - Skidder and loggers are in operation
and O.S.C.
- 0800 - Jackie Carson brings Alvin Stevens
to help with chipping. O.S.C. Danner
resumes chipping.
- 0805 - Delivery truck and Steven Dickenson
leave site.
- 0815 - Edna shows dozer operators hoist
spot in northern tract. Steven H.
- 0820 - Walker chon had
- 0825 - Dozer back on
- 0830 - Walker takes photo in central tract.
- 0845 - Walker walks back to northern tract.
- O.S.C. - Denby Thompson brings down my vehicle.
to site to replace Mike Perkins. Plus.

- 0845 - Roger Jackson working in central tract.
- 0900 - Roger in central tract picking loose
soil.
- 0935 - Mike Pivin leaves site. will take
over dozer in central tract.
- 0945 - O.S.C. Danner and Jackie Carson leave site.
Mike Hammons, Toult, Dickerson, Morris,
and Little take break.
- 1015 - Break over.
- 1015 - Stevens calls Danner to tell him that
they will be late.
- 1020 - Edna talks to fuel company about
bringing more fuel.
- 1045 - O.S.C. Danner and Connor arrive back on site.
Chopper is not working. Welch stops truck
to help work on it. Dozer are near
river but not working at present.
- 1100 - O.S.C. Danner goes with Connor to get better
fuel chopper.
- 1115 - French starts one dozer back up. Mike
starts the other and moves over to the
northern tract to work.
- 1130 - Welch starts truck back up. Merlin Durrell
of B.L.T. Skidder walks with Edna to look
at junk car.
- 1150 - Merlin Durrell tells T.M. Walker that
he had told Edna that he did probably
take care.
- 1200 - Connor crew / Skidder crew, O.S.C.

POLREP #2

Date: _____
To: _____
From: _____

Equipment Mobilized:

Tractor

Front End Loader

Pick up

Trailer

Welder

L.D. Operator

Co Supervisor

Tn. Techician

On 18 May 1982 OSC Dora Ann Danner, Beverly Houston, TET Total Environmental mobilized TET, Haztech to do site assessment investigation on the extent of trash at Lee's Lane Landfill Louisville, KY. 8 Test pits were dug; 5 on the south track, 3 on the north track. limits were boundaries of landfill were determined.

On 19 May 1982 8 TP were dug. Samples were taken in the center track. 7 of these TP were sampled by Ebasco. This TP contained frost debris and industrial & house hold waste.

- 1230 lunch over. Dickenson and Warden
sway road since chipping is
broken.
- 1300 One dozer working in center tract.
The other in northern tract. Tractor
not in operation.
- 1310 Digger from northern tract comes
to center tract. Driver - Effie - worker
or taking off front grille.
- 1320 Rudy Electric Company arrives on site
to put up utility pole.
- 1335 Jackie Cormier returns with bolts for
chipping. O'SC Cormier does enough
plane to go back to Atlanta.
- 1400 Bob-Kemp from Kestel calls and relays
message that O'SC Denver wants
lift in front seat of F P Blinger's federal
expressed to him for
Rudy Elec. Company finishes work and
leaves site.
- 1430 Chipping is repaired. Effie is still working
on dirt dozer. Tractor still not operating.
- 1445 Tractor and Effie back in operation.
- 1445-1500 TATHL Tim Egert arrives on site.
He gets 1900.55\$ from Warden. He
sends to O'SC Denver.
- 1500 Warden calls Atlanta T A office
from store on Las Lanas.
- 1515 Cormier and Thornton leave
site.
- 1515 Tractor and dozer in center tract
not operating.
- 1535 Tractor and dozer back in
operation.
- 1535 Warden does 1000 PIS in PV.
- 1600 Warden walks to center tract. Looks
and sees man on sweeping road on
Southern tract.
- 1615 Warden goes to office (PV) it cashed up
on his notes.
- 1615 Jefferson Co. police arrive on site and
call in Stewart Island
- 1700 7 AT Warden walks to center tract to check
on work progress. John Effie is bulldozing
in south end of northern tract. Diggers
have started on southern end of center
tract. Sonnie, Dickenson, and Harry are
chipping. Wink is working with tractors
in center tract. Hanck is bulldozing
at southern end of center tract.
- 1800 7 AT Warden goes back to P.V. Dan Morrow
has a few questions about shot time personnel
and equipment has arrived on site.
- 1810 7 AT Warden walks back to center tract where
work is progressing as before.
- 1830 Hanck and Effie stop their dozers for the
day and refund.
- 1842 7 AT Warden returns to P.V. Morrow tells
her Warden that O'SC Denver had called
back west site videotaped on Friday.

1840 Harris, Towles, and Dickerson return to RV and set up chairs and chairs.

1855 Loggers stop work. Robert Nelson arrived.

1900 Personnel leave site.

~~that SW~~

S. Woodson

June 5, 1987

0700 Sherman Woodson, TAT, and John Riffe of Haggett arrive on ~~date~~^{SW} site.

Normal logging crew is there. Haggett crew arrives shortly after. Tommy Welch and Rick also arrive on site. Pinerton Security man, Robert Nelson, leaves site.

0710 Brian Harris of COFC arrives on site.

Weather - Clear, cool. Today's activities will include more tree clearing.

James Leeding leaves site. He has just delivered a second portable toilet.

0715 TAT Woodson goes to center tract. Mark Hanan is bulldozing on south end of center tract. Towles, Dickerson, and Harris are working on chipper.

John Riffe brings loader over to center tract to work. Loggers are cutting trees in center tract. Trackhoe not operating. Riffe stops loader to help with chipper.

0745 Welch begins operating trackhoe. Chipper starts up. TAT Woodson takes photo of work site (center tract).

0800 Riffe begins operating loader.

0830 TAT Woodson calls TAT Jim Egger

sit. He says that TAT's Keith Burck and Mark Huesung will be at Lee's Lane between 0930 and 1000.

0830 TAT Woodson goes to center tract. All equipment is in operation.

0900 Workers take a break.

0910 Workers start back to work.

0915 Skidder has flat tire. Dan Morrow and Stuart Eiland try to locate someone to repair tire.

0925 Dan Morrow heads power sprayer to toward truck to take to center tract. Clay Norman calls Stuart Eiland. He says that Dewey Thornton is coming over and can find someone to repair skidder tire.

0935 Lerby Tree Co. comes back to site to install power line.

0945 Towles, Dickerson, and Harris come to RV to get something to drink & eat. Norman, and Eiland, and Morrow take power sprayer to center tract.

1000 All equipment at center site not operating. Stuart Eiland has found someone to repair skidder tire. He will be here in less than two hours.

1000 Dickerson and Riffe put on Tyvek suits. Harris starts chipper back up. Riffe works on loader (it's broke down).

1015 Hanan starts bulldozer and makes it road near river for skidder.

1005 TAT's Burck and Huesung arrive on

1115 Tari's bush and housing give printer to Tari's children and have site. They take POLICE for June 3 and 4. Bush & office for eggs to send. ERCS did not have an estimate of their costs for those two days. PAT wooden will place in those costs when he gets plan.

1120 Ark. Coalition of Jefferson Co. side informant came to my place working for power. He called electric company to have power restored on.

1135 Clay Gang from the Dist. owned & refuel tank.

1200 Lunch break.

1210 went back over for logging crew.

1230 Clay Comman brings man from Oregon Jim Carter to repair skidder tire.

1245 David falls signs up with pull at center tract.

1250 Rest of workers come back to center tract.

1255 Hanan's estate logging at southern end of center tract. Which start track up at chipper. Hanan starts Chipper. Dillerson and Dillip enter to work on loader.

1315 Hanan with I picked up power spray from Jerry and started. David goes back to working on chipper.

1320 Clay Comman leaves site.

1330 Hanan Hanan - and is - 0.

1400 April (soopella) to site.

1405 Bonneville telephone provides repairing skidder tire. He stops to repair tire of truck a trailer area.

1410 Tander still at working tractore starts moving junk metal off river bank and lots middle center tract.

1430 Bob King, Dewey Shadon leave site.

1500 Rudy like longy workers leave site.

1530 Belmont starts to figure cost for wheelbarrow and shoveling.

1530 Bertine continues to pull pink metal from river bank & hand drag it over southern tract.

1545 Heeler still not operating. Chipper running - Guy's PV comes on site to replace present one.

1600 OSC Bonne calls and TKT Wisconsin tells her that site was contemplated this morning. OSC Dennis said that she received FED/CE package.

1630 TKT, Wisconsin called business office to tell them that he had received no estimate on cost. Burnd said that he would send FED/CE without cost.

1710 Loggers working on northern end of center tract. Ranch working on southern end of center tract. Trackhoe handling pink metal from river bank in center tract. Chipper operating. Loader not operating.

1730 Hanan tries to contact someone to repair

- 1800 Chopper stops for the day. Normie and other engineers do maintenance on chopper.
- 1800 Harry comes back with wrench. Pipe goes to work on breaker. Moray begins.
- 1830 Mack, Karel, Paul, Muller, and Wagner to referee. Johnny Weld brings truck back over to get refueled and push for the clay.
- 1850 Normie, Pence, parks, skidder.
- 1855 Other workers return to command post.
- 1905 Personnel leave site. G. Woolson
- June 6, 1936
- 0700 - Personnel on site. Hayfield, Steward, Eikind, Sam Marion, John Gile, Jim Smith, and Mike Peterson. Normie, Harry, Jim Norman, Ronnie Pierce, and Ray Lef. CMC: Monk, Hennah, Alvin Harris, and Johnny Weld. TAT: Shrine, Warden.
- Whether - clear and cool.
- Today activities will include more tree cutting and clearing.
- 0715 Warden takes photos of clearing area to submit tract from north to south.
- Breaker moves small trees and limb closer to chopper in cleared tract. Biffs in another tract. Mack, Karel, Muller
- 0730 Warden walks back to command post.
- 0800 Chopper and broken start up. Chopper is under tract. Warden is in same area.
- 0815 Tractor has moved down to eastern tract to work.
- 0900 T.A. Woolson returns to command post from home auto salvage will come in pick up with at 1300. TA, Warden walks to center tract. All equipment operating. Tractor back in center tract.
- 1130 Pipe moves portable toilet closer to command post.
- 1200 Lunch break.
- 1245 Three employees from Hayfield. They have a truck with supplies. Start. Eikind, Gile, a skidsteerman and ~~the~~ long cruiser.
- 1300 Hayfield employees leave site.
- 1315 Someone begins target practice near site. Warden goes to investigate. Shouting stops and no one is there.
- 1320 Warden walks to center tract to observe work. All equipment running. Tractor, bulldozer, and broken on southern tract.
- 1400 New Auto Salvage employee come on site to pick up metal. Tractor came to center tract to load metal onto salvaged truck. Warden takes photos of tractor loading truck.
- 1515 Warden walks back to command post.

Check on progress of pick up.

1530 Weller drives to corner store for cameras batteries. Camera will not record.

1540 Weller arrives to command post. New batteries sent in camera. old will still not record.

1545 Gen's Auto Salvage crew back site.

1600 Dewey Thornton arrives on site and walks to Strait Island in command post.

1605 Weller walks to center tract; chopper running. Hatch of nearby cruise yacht from bank to middle center tract. Build of ~~center~~ has cleared large section of ~~center~~ cut tract. Loggers moved to southern end of center tract.

1730 Dewey Thornton leaves site. Weller returns to command post.

1830 Crew begins to refuel and perform maintenance on equipment.

1845 Placeholder security guard arrives on site.

1900 Personnel leave after James Weller.

June 7 1987

9:00 P.M. on site: CAC - Nicklitsen, Jimmy Weller, Alan Morris Norman Foggie - Jim Norman, big log, boom fence, log sled - Chas Taylor, Kirk Dickson, John Miller, Strait Island, Dan Morris. TIT - Sherman Weller.

0715 Weller writes MR&P H.S for

Logging and chipping crew go to center tract. Jackhose and loggers go over to center tract. Big drivers truck from straight strings over to center tract to have truck and trailer on it.

1945 Weller or walk to center tract. All equipment kept border operating.

0800 Weller goes to southern end of center tract to work. Dewey Thornton, Strait Island and Butch Weller come to center tract & walk at chopper. Weather -

Clear, warm 0945 Jackhose moves to southern end of center tract. Weller walks to southern part of central tract. 0915 Taylor moves to center tract. 1000 Thornton and Butch Weller return to command post.

1100 Elkins and Thornton walk to center tract to observe work. Log sled begins cutting dead wood that can't be chipped on other side of road. Farm river in center tract. Weller is still clear and hot ~ 85°F.

1300 Lunch break. Air compressor on site.

1230 Trunk truck over.

1245 Morrison makes copies of log notes and tells Weller that he has 1908-S4's complete疏忽. June 6. Weller tells Morrison that he will get logs and go over the Monk's island, Weller walks to southern end of center tract where bulldozer, truck, and loader

1315 Riffle goes to center tract's pond
scrub creek that can't be chipped
into a large hole. Maintenance on
chipper near command post.

1430 Wooden walls brought to command post.
Stevens blowing & backhoe will arr
compressor.

1530 Riffle blows dust from track & will
arr. compressor. Harris, Thornton, Dowley
and Dickerson continue to work on chipper.
1545 Riffle takes loader to work area in center
tract. Chipper starts back up in center
tract.

1600 wooden walls back to center tract. Loader is
working there. Loggers are in central tract.
Chipper operating.

1710 Wooden walls back to command post.
Sime's Auto Salvage truck brought back
to site and strapped off.

1800 Jefferson Co. Police drove up and down.

1815 Crew begins to unload & blow dirt off of
equipment.

1830 Thornton and P. Blakely leave site.
1850 Pinkerton Security guard arrives on site.
1900 all personnel leave site S. Woodson

SUB June 8, 1987

0700 Personal on site: Blakely, Tagging
Gene Horner, Ray Cox, and Dennis Pierce
C.M.C. - Jimmy Welsh, Mark Harrah, and Phillip Harris.

Kirk, Dickerson, John Hiff. TAT - Stevens
Woodson. Weather: Windy - possible rain in forecast.
0745 All equipment operating. Today's activities
will include more clearing, shade and
electricty will be hauled up!

0800 Oliver Thornton arrives on site and walks
to center tract to check on work progress.

0815 W. Johnson walks to center tract. Mark Harrah
and Dewey Thornton are repairing cable from
shredder. Shredder & chipper are operating in center
tract. Loader and bulldozer not operating. Tracthore is
operating in southern part of center tract.
0850 Southland moves to center tract. Woodson gets comphred.

0920 Charlie Shaw of Shaw Trucking arrived
on site to talk to Dewey Thornton about
0940 Jim Johnson enters site to replace lift tank.
1000 Wooden walls back to center tract.
Shredder in southern part of center tract operating.
Tracthore, loader, and bulldozer operating near
river in northern part of center tract.

1030 TAT Keith Birch arrives on site.
Birch and Woodson get 1900-55's from Dan
Morrow and go over them.

1130 Layout string and knoll of core enter
site.

1200 Savage and Blakely leave site.
Jim Horner of Blakely enters site. Keith Birch
leaves site and takes camera from Morrow it
dove it required. Charlie Shaw leaves site.

- 1230 Worker returns from hunt. Clay Corrman is at command post along with O.S.C. Ed Fletcher. Clay Corrman and Ed Fletcher go to look at work area.
- 1245 crew goes back to work. Worker goes into command post to complete looking at 1900-55's.
- 1310 O.S.C. Fletcher and Clay Corrman leave
to go to Valley of Firene.
- 1445 Worker goes over adjustment needed to be made on 1900-55's with Mortow.
- 1) Pending on next day 2) math error on June 1, 3) gear have on June 4.
- Worker walks to center tract. Worker is hauling gibbs from near river and carrying "bottom side of road". Chipper operating.
- 1445 Chipper goes to command post area for maintenance. Worker returns to command post to look at 1900-55 for panel.
- 1530 Worker returns to center tract. Worker and Fletcher removing strings from rear view.
- 1550 Chipper starts back up.
- 1600 Worker returns to command post.
- 1640 Ed Fletcher returns from Valley of Firene. Ed Fletcher gets salop truck return to site. Ed Fletcher, Jim Morris, Ward Lillard and Fletcher both in center tract. Dugout houses not.
- 1715 O.S.C. Fletcher and Jim Morris doesn't

- 1830 Crew begins to refuel and do maintenance on equipment.
- 1835 Jim Work, Pinkerton Security guard arrives on site.
- 1855 Mine's Auto Salvage returns to pick up truck.
-
- 1900 Personnel leave site. Fletcher Fletcher June 7, 1987
- 0700 Personnel on site - Fletcher, Stewart Island, Dan Pignone, John Lipp, Chris Davies, Kirk Dickerson, Inc., Steve Horan, Tommy West, and Mark Hamil. Former loggers - Steve Horan, Ray Cox, and Dennis Huie. Fletcher - operator, mild temp. Spur Works departs site. 0700 Jim Fletcher comes to site to bring portable toilet. Keith Peckley of EDSO arrives on site and walks to center tract.
- 0720 Riddings leaves site.
- 0740 - Fletcher, Lillard and truckless operating area river in center tract. Horne does maintenance on chipper.
- 0800 Chipper starts up. Worker walks back to command post.
- 0850 Jim Morris drives on site and goes to center tract. Returns command post for a few minutes and walks back to center tract to talk to Steve Fink.
- 0930 - Horne brings chipper to command post area for maintenance. Horne brings everyone down on site. Jim Morris gives them new filters.

1000 Harris complete maintenance on chipper
and goes back to center tract.
1020 Jim Horne and Keith Kueber take about surveying
that LBS CO needs. OSC Hatcher and Survey
Shantier arrive on site.

1030 Hatcher and Kueber discuss the sand and
gravel needed on river bank: Tom Johnson of
the bid. brings 100 yd³ gravel - fuel side to site.
1045 Jim Horne leaves site: McGeorge, Clemens, and
Stanley stay to do surveying. Tom Johnson
leaves site.

1115 Johnson, OSC Hatcher, and Kueber go to look
at work site in center tract: agreement
operating - Hatcher and Kueber discussed
material to cover tract with... Clay, Samara is
getting bids.

1135 Hatcher, Horner, Kueber, and Jim Horne
depart site for Valley of Dreams.

1200 tunnel break over: Whalen writes
POLARIS off for June 7 and June 8.

1400 Whalen calls in POLARIS off to
Louiville T.A.T office.

1430 Whalen walks back to center tract.
All equipment operating.

1545 Whalen returns to command post.
OSC Hatcher, Jim Horne, and Kueber return
from Valley of Dreams.

1615 Landings begin to fall at site:
1630 Crew comes to command post. Hatcher and

1645 OSC Hatcher tells crew to quit at 1700 because
no more work could be done.
1700 All personnel except Doug Horner leave site.
Tomorrow is to stay until 1900 when security
guards arrives.

Harris Whalen

June 10, 1987

0700 Arrived on site - Hatcher: Kirk Dickerson,
Chris Kueber, Stuart Eiland, John Giba, Dan Horner,
and Jim Horne. Cull: Doug Whalen, Rick Horner, and
Ron Harris. Horner: Harry. Jim Horne, Dennis Lee,
and Ray Cox. Horne Eng.: Dennis Stanley, Richard Clemens,
and Tom McGeorge. Ethico - Littlefield TAT - Sherman
Wooden ~~and~~ ~~Hatcher~~ Whalen - sites, coal
0745 OSC - Ed Hatcher arrives on site.

0800 Stuart Eiland tells Hatcher that grading
of slope will probably begin on Friday.

0815 Stuart Eiland and Jim Horne call about
electricity.

0830 Dewey Johnson arrives on site and goes
with OSC Hatcher to center tract to look
at work progress.

0845 Jimmy Lombe with Jeffries Co. Health Dept.
called and said that he would try to get VOC E
to turn off lights on tomorrow. Wooden calls to
Hatcher first. Jason, bulldozer, and truck are removing
stamps and debris from bottom part of control track.

0915 Harris brings dinner to maintenance in
command post area. Horne says that blocks are
dull and is asking on which block to change and

1000 Dewey Johnson and Ed Hatcher return to

2422-Lath

June 12, 1987

June 13, 1950. City - 82° 30' N 30°

Hospital / Stewart Island

三

0700 Weather considerably - many clouds overcast on soft
damp ground and bottoms of hillsides. However
sunrise in apple trees. Shining like diamonds.
Clouds mostly in front of sun as it rises over the hillside.
Saffron red flowers of the blossoms on the
cattails. Red flowers of the cattails. Some very
bright yellow flowers. Some bright yellow flowers.
Saffron red flowers of the blossoms on the hillside.
Kirkpatrick's Cattails. The blossoms are yellowish orange.
Kirkpatrick's Cattails. The blossoms are yellowish orange.
Kirkpatrick's Cattails. The blossoms are yellowish orange.
Kirkpatrick's Cattails. The blossoms are yellowish orange.

1000 Dutchmen
of this party are armed
and equipped
with their best
service
arms.

1156. *Fistularia* *longistylis* (L.) Steyermark
1157. *Fistularia* *longistylis* (L.) Steyermark
1158. *Fistularia* *longistylis* (L.) Steyermark

Wetmore large white male - 1900 - 55 cm. long, completely
white, with no black markings. Found in valley of River
1340' above sea level, about 10 miles S. of Duran-
tio. Its coloration is much like that of the
White-throated Kingbird. Nesting in valley of River for
Valderrama, near the town of Duran.

1419 Goldfinches were seen at the bird house
and species included: Tit, Nuthatch, Chickadee,
Bluebird, Wren, House Finch, and Sparrow.

Other, even more hideous forms of the *Leopard*?
Or is it that the *Leopard* has been abominably
overacted? — or is it that the *Leopard* is
utterly abominable?

145 P. 3d Hutton says 145 is a mean number
he can take from all of them
to get to half of them to cover all the
countries of the world he has listed

My dear Mrs. & companion: I hope the new
Angel will be a great success. You will be here
on the 2^d of June. After that time you will be here.

On October 1st 1891, the
Prague Post reported that
the Prague Post had
been sold to the Prague Post Post
from Prague Post Post.

have been removed.
After the election, security arrived.
1860. Senator Hoffman brought his children
to see Mr. Lincoln. They came by night.

1922-1923. New York. Also Father Doerer
and Dr. H. W. Baur.

June 11, 1987

- 1100 Valley Burns and Bob Burns arrive on site
and with it. Cost at progress of site.
- 1120 Bob Howard of E.P.A. arrives on site.
- 1130 Barry Klemencik Bob Burns depart site. Burns
told Wanda that chopper is back in operation.
1145 Acc. Art. arrives on site to fill up fuel tank.
1200 Lunch break.
- 1230 South Central Bell employee arrives
on site to connect phone service.
- 1245 Lunch break over.
- 1330 Wanda leaves for Valley of Burns
to post 1000-55's on computer.
- 1405 Wanda arrives at Valley of Burns
- 1730 Wanda departs Valley of Burns for
Lee's Lane
- 1800 Arrives back at Lee's Lane. Phone
is connected. Jack Stonebreaker of E.P.A
is on site. Phone has been connected.
- 1815 05c Hatcher gave TAT Whalen permission
to return to Valley of Burns to continue logging
in 1900-55's in concert. Surveyors left
left sometime after lunch.
- 1835 Crew signs to bring equipment in for
maintenance and refueling. Decon trailer
from Valley of Burns is set to be brought to Lee's
Lane Landfill tomorrow.
- 1850 Blvd. Officer of Sherriff Security arrives
on site. Clay Connor had - mitigate conflict.
Arrived at site around 1500. Also Arthur Dozert.
- 1900 Personnel leave site.

- 0700 Personnel on site: Hapfel, Shant Island,
Stan Yarrow, Phillip L. Kist, Dickie, and Chris
Jorles. Wanda logging - from Monroe; Ray Cox,
and Bonnie Pierce: CMC - Alice Harris, Virgil
Shelby, Tomay Walsh, Mark Johnson, and T.A.T.
Sherman Woodson. Weather is cool and overcast.
Thunderstorms are forecast for afternoon.
- 0725 Beverly Shorther arrives on site. in winter jacket
att for Valley of Burns
- 0800 Whalen arrives at Valley of Burns. Ray Doyle
and Whalen call Whalen about problems with
EPA computer. City had 2.25 rate in storage.
- 0830 Ray Doyle calls John Gilbert of EPA about
some problem.
- 1730 Wanda leaves Valley of Burns for
Lee's Lane Landfill.
- 1800 Wanda arrives back at Lee's Lane. Dan
Monnow tells Whalen that a welder generator
had been delivered to site at 1330. Dan Shorther
brought in operator, Gary Pittiglio to site around
0738. L. G. J. E. had partially installed
electricity. Storage trailer had been mobility
at site at 1330.
- 1830 Crew begins to refuel and do maintenance
on equipment. Rain begins to fall. No work is being
stopped because of it.
- 1900 Personnel leave site.

~~Sherriff's station~~

2

29 June - Wednesday - Continued
K.C.H. - S.M.S. - M.T.

1300 2 tanks sand delivered

dump truck operational
tanks 10 cu. yds. trucking on site
with estimated ton materials costs.

(Estimates based on species of stone
in log book or 10 cu. yds.)

1300 sand = 1,613 cu. yds per acre

1.15 tons per cu. yds

= 1,910 tons x 10 cu. yds

.3" ab. 3 stone = 405 cu. yds per acre

x 1.0 tons per cu. yds.

= 423.5 tons x 10 cu. yds

18" rip-rap = 2,420 cu. yds per acre

x 1.75 tons per cu. yds.

= 4235 tons x 10 cu. yds

total per acre = 49,850.75

1400 2 loads sand delivered

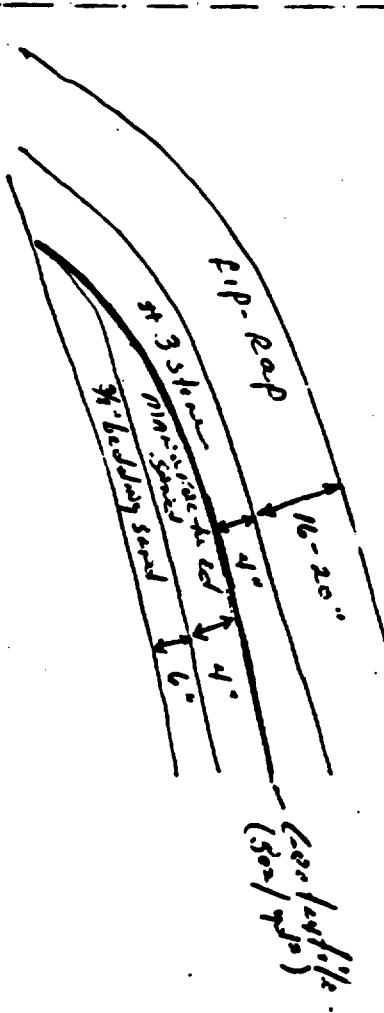
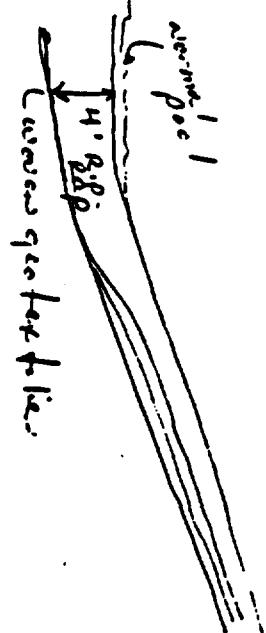
1420 2 loads sand delivered - Bed lowered

and site waterless distress changes
in species and proportion in log book
in 1/16 plane 80% the following
further reflects sorting changes.
Rock tends to pick up

as it showed also distress amount
of fine material needs to be on
log book. (No more than 2 days per
week)

3

30 June - Thursday - Continued



23 June 87 Thursday - Continued

- 3/10/45 22 km N of Kharan
 1600 m. - Shallow stream bed
 1615 m. - Shallow stream bed
 1620 m. - Shallow stream bed
 1630 m. - Shallow stream bed
 1640 m. - Shallow stream bed
 1650 m. - Shallow stream bed
 1660 m. - Shallow stream bed
 1670 m. - Shallow stream bed
 1680 m. - Shallow stream bed
 1690 m. - Shallow stream bed
 1700 m. - Shallow stream bed
 1710 m. - Shallow stream bed
 1720 m. - Shallow stream bed
 1730 m. - Shallow stream bed
 1740 m. - Shallow stream bed
 1750 m. - Shallow stream bed
 1760 m. - Shallow stream bed
 1770 m. - Shallow stream bed
 1780 m. - Shallow stream bed
 1790 m. - Shallow stream bed
 1800 m. - Shallow stream bed
 1810 m. - Shallow stream bed
 1820 m. - Shallow stream bed
 1830 m. - Shallow stream bed
 1840 m. - Shallow stream bed
 1850 m. - Shallow stream bed
 1860 m. - Shallow stream bed
 1870 m. - Shallow stream bed
 1880 m. - Shallow stream bed
 1890 m. - Shallow stream bed
 1900 m. - Shallow stream bed
 1910 m. - Shallow stream bed
 1920 m. - Shallow stream bed
 1930 m. - Shallow stream bed
 1940 m. - Shallow stream bed
 1950 m. - Shallow stream bed
 1960 m. - Shallow stream bed
 1970 m. - Shallow stream bed
 1980 m. - Shallow stream bed
 1990 m. - Shallow stream bed
 2000 m. - Shallow stream bed

24 June 87 - *viator* *schlegelii*
♂ juv. 7:30 mid. 21

- | | | |
|------|--|--|
| 0000 | beginning of sand dry
bottom right 88° elevation - 10' above
the bottom of the stream - | |
| 0001 | Following downstream and upstream
about 100' - about 10' above elevation - 10'
bottom - shells living. The water
is still. Small. The shells are
all broken. S. luteus, S. luteus, S. luteus.
S. luteus, A. avarius, C. americanus, T. stimpsoni,
S. luteus, C. americanus, T. stimpsoni.
T. stimpsoni. | |
| 0002 | Stream bed - Gravel and sand, the shells
are living at the bottom. | |
| 0003 | Stream about 5' above bottom -
sand stones like limestone and
concretions scattered throughout | |
| 0004 | Large gravel bed - sand scattered
throughout the bed. | |
| 0005 | Large gravel bed - sand scattered
throughout the bed. | |
| 0006 | Large gravel bed - sand scattered
throughout the bed. | |
| 0007 | Large gravel bed - sand scattered
throughout the bed. | |
| 0008 | Large gravel bed - sand scattered
throughout the bed. | |
| 0009 | Large gravel bed - sand scattered
throughout the bed. | |
| 0010 | Large gravel bed - sand scattered
throughout the bed. | |
| 0011 | Large gravel bed - sand scattered
throughout the bed. | |
| 0012 | Large gravel bed - sand scattered
throughout the bed. | |
| 0013 | Large gravel bed - sand scattered
throughout the bed. | |
| 0014 | Large gravel bed - sand scattered
throughout the bed. | |
| 0015 | Large gravel bed - sand scattered
throughout the bed. | |
| 0016 | Large gravel bed - sand scattered
throughout the bed. | |
| 0017 | Large gravel bed - sand scattered
throughout the bed. | |
| 0018 | Large gravel bed - sand scattered
throughout the bed. | |
| 0019 | Large gravel bed - sand scattered
throughout the bed. | |
| 0020 | Large gravel bed - sand scattered
throughout the bed. | |

on June 87 - yesterday - discussed
plans - that
initial decisions - divisional
as follows - camped out - and stopped
at Lekhiai these being necessary
to run this area.

1101 3 tanks and armored vehicles
3 tanks and armored vehicles
1130 3 tanks and armored vehicles
1200 3 tanks and armored vehicles
1230 3 tanks and armored vehicles
Allison and about thirty engineers and
so on - planes, one, down and
one at each base station. Here they
are - Buna, Kennedy island top
and bottom of sand bar
of Lekhiai too much sand between
river and berm and visible.

1245 3 tanks and armored vehicles
1300 3 tanks and armored vehicles
1330 3 tanks and armored vehicles
1430 3 tanks and armored vehicles
1530 3 tanks and armored vehicles
1545 3 tanks and armored vehicles
1550 3 tanks and armored vehicles

1945 3 tanks and armored vehicles
1950 3 tanks and armored vehicles

25 June 87 - This day -
all gear 70% clear
except - light gear with road areas
left. Sims, M. T. T.
Personnel and supplies:
M. T. T. - M. Hall, W. C. Daniels,
D. Johnson, J. Blatt.
C. C. A. men, P. Lang, G. Looes,
P. Joseph, C. Morales, R. Harris,
B. Morris, M. Brock, E. Wilson,
M. Daniels, J. Rodriguez, M. Thompson,
T. Wright, W. Sheldom
Advanced tagging - G. Adams, P. Lye,
M. Sheldom, M. Leckie
arest closed, secured, separated
C. C. 3 tanks sand and sand
0241 3 tanks sand sand
0241 3 tanks sand sand
0241 3 tanks sand sand - dump truck on dump
area (Lekhiai) - by afternoon the work
is completed and right. Lekhiai, as it
is assigned and right work over
site. At first, problem of "no" sand
area has been prepared to
circumstances by Lekhiai. In Lekhiai's
main concern offered to be that
this is. This action does right
satisfactory stopping as encapsulation
and future site.

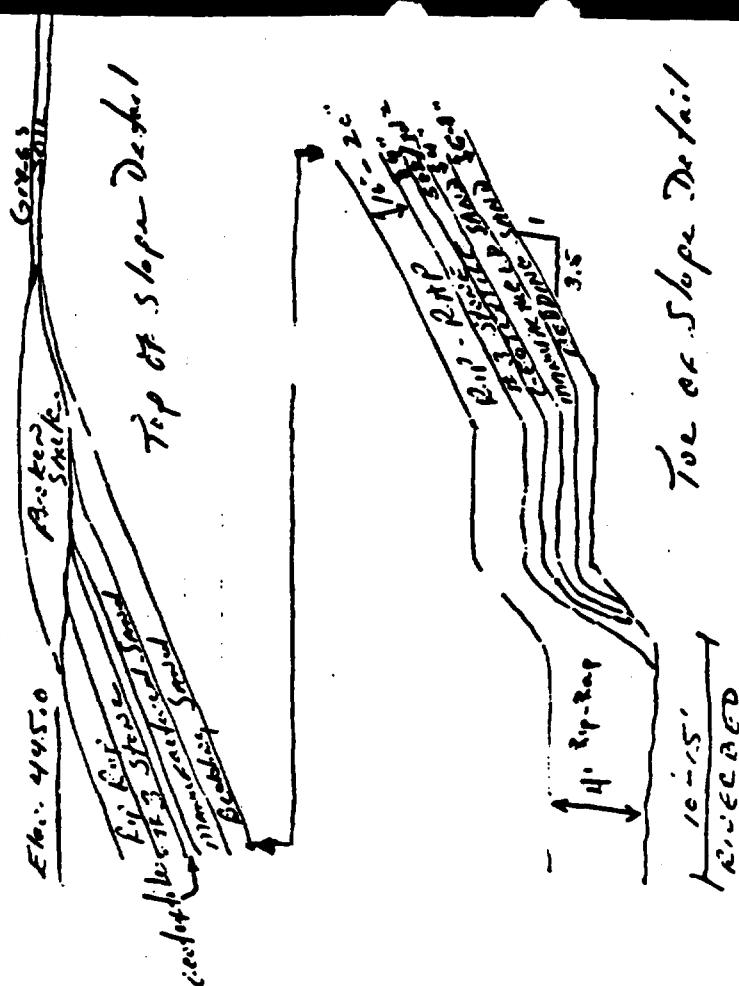
0930 3 tanks sand sand
1000 3 tanks sand sand
1100 3 tanks sand sand

At 1000

Plane 670 - Thursday - Cambrian
Tentative

1120 3' thick section of bentonite
bed interbedded by 0.5' of
calcareous dolomite - thickness
of dolomites & bentonites
is estimated to be 10' - about 10'
in section. Core through top
around sand streaks from
Park Point glacioclastics and
A.L. Abutment on L. of Bayley.
In sand and loam
there streaks of bentonite
about 1/2' thick to 3' thick.
At 3' in slope - 3' bands of sand
have been delineated
3' long and 1' wide
3' long and 1' wide
3' long and 1' wide
1300 3' long and 1' wide
1400 3' long and 1' wide
1430 3' long and 1' wide
1500 3' long and 1' wide
1530 3' long and 1' wide
1560 3' long and 1' wide
1590 3' long and 1' wide
1620 3' long and 1' wide
1650 3' long and 1' wide
1680 3' long and 1' wide
1710 3' long and 1' wide
1740 3' long and 1' wide
1770 3' long and 1' wide
1800 3' long and 1' wide

Plane 670 - Thursday - Cambrian
Tentative
Thickness of dolomites -
estimated by



24 June 1913 Friday
Windsor Co. clear
Forests old clear
Terrain - old river valley of river
Ridge, Sims - 775 ft.
Bogged and soft.
Bog-leaf - A. Mariana, C. tanakae, P. Ritteri
C. vittata, C. v. komak, O. porosa, C. imbricata
B. lutea, T. stans, C. heterophylloides, S. clausa,
N. rimbachii, M. thomasi, P. sternii,
D. acer, A. betula, Alnus glutinosa, T. ulmifolia
P. Virginiana.
Numerous fagus, P. nemoralis, A. glutinosa.
A. rubra, B. betula.
Foliation 145. Spruce, mixed, secondary, mostly spruce
4 broad, small, whitened
6 broad, esp. pale, whitened
9 broad, green, whitened
13 broad, small, whitened and
slight thick at esp. at stems
1900. 6 broad esp. esp. whitened
3 broad, small, whitened
2020. 3 broad, small, whitened
2175. 9 broad, green, mostly
borders whitening, whitened, esp. at
cambial sections - spreading lvs
sp. foliation - remains of forests
in hollows green whitened
 $\frac{1}{3}$ of coniferous section contains
one of lower firs esp. esp. soft
spruce stock pale to whitened.
In broad esp. esp. whitened
3 broad, green, whitened

W. Penn J. T. Friday - Christopher
K. Sims 105

3 loads sand at house
4 loads topsoil at house
3 loads sand at house
Station Rock - two stops by
Mt. & Station at Manassas west
over 5,000 ft.

3 loads sand at house
Rockcock out site
Brick car house
3 loads topsoil at house
3 loads sand at house
4 loads sand at house
4 loads topsoil at house
3 loads sand at house
Mrs. Alexander - about
and confinements - decided to stay
at her son's property.
3 loads sand at house
Balay tender arrives on site. He
is used at another site as
lumberman. Located along truck roads
near the kitchen, laundry, etc. houses.
Lumber stored in front of house
Lumber about 100' long, 10' wide
and 10' high.

- 11/20 place of settlement
 12/20 - clear & 6.5°
 12/20 - after 7.5° right
 12/20 Sims - 7 Hr.
 12/20 Perguine - see sketch
 12/20 - A. Johnson, C. Nichols
 12/20 - R. W. Cook, H. Price, R. Edwards,
 B. Lewis, H. Joseph, W. Marion,
 E. Walker, T. Haug, C. Johnston
 A. Thompson, G. McLean, G. Long
 P. Davis, T. Nichols.
 12/20 - 100' long by 10' wide
 H. Steffens
 James W. Davis, secretary, experts.
 12/20 Lands which are preserved }
 12/20 to lands which are preserved } kept
 12/20 to lands which are removed } removed
 12/20 to lands which are cleared
 12/20 no social life every day, some
 12/20 is roads which are kept in some
 houses greater abundance
 12/20 great for houses
 12/20 houses are L.
 12/20 Starting from west - topography
 on this, on elevation, ridge and
 back of river bank to the
 northward is as follows -
 gradient - sloping and sloped
 westward east. The ridges
 have crevices, see sketch, and
 the slopes are 11 degrees
 12/20 All upper to

- 230

June 20 Skinned
elephant at 10° partly cloudy
temperature - 75° mostly clear.
Night time - 74°
Barometer 30.00 inches;
Mercury 70° Farenheit; P. 70.00
in. Hg. Wind N. W. force 0 wind,
Ad. elephant. Ad. elephant ad. elephant,
Ad. elephant. Elephants 20' long,
15' shoulder, 10' height, 2' thick.
G. elephant. 10' long, 2' thick.
Normal length of elephant. 10' shoulder,
2' thick.
Young animal, seen by experts
Progress attack - when first on
standing up - up seems to wavy -
up into spine "wavy" - following
left ventral section continues
More like this or more variation
in this section. Spine was
evident for all over spine about of
the new found specimen often found
exterior estimate on 10' long and
not changed since of increase
in size.
Old animals partially or mostly
are found a few others been
uncovered app. optimum body section
mentioning occurs ventral section
above of the back. The - previous
taken. These animals will be
burned along with others who die.

- 29 June 1977 Monday - Continued
- K. Sims 1400
- 3 miles south of town completed
construction of new sand
bar (K. Sims) deposit.
- 1400 3 miles south of town
completed. Gravel shipping
site cleared - the cleared
area - 4.30 ac., cost about
\$1000. 3800 cu. yds. will suffice
and suffice. When ready to load
the broken used by clam digging
is being collected at the site
when cleared and stored.
Also repeat some blasting along
cleared in river channel section.
- 1430 3 miles south of town
the stream was held by
profusion. discuss with all officials
what is to be done.
- 1500 4 hours since delivered
4 loads sand delivered
- 1530 4 loads sand delivered
Burying sections in old limestone section
as ridge, sandstone, toward Morro
and 7195 until river site.
Rock work - southern boundary
check progress and notes.
- 1630 Barry Davis, K. Sims. Wm.
Mont. 1730 1845 1900
- Barry Davis, K. Sims. Wm.
Mont. 1730 1845 1900
- Barry Davis, K. Sims. Wm.
Mont. 1730 1845 1900

- 30 June 1977 Tuesday
- K. Sims - partly cloudy 90°
High Sims - 7195
Progress, one site:
- 1400 3 miles south of town
K. Sims - A. Mihail, C. Tawles, P. Kinn.
T. Miller, G. Davis, J. Price, J. Martin,
P. Jones, D. Shiner, M. Hamer, H. Lee,
C. Johnson.
- James Edwards recently began to
dig up the gravel pit down to bedrock
of stockpiling same area.
- 1430 3 loads sand delivered
- 1450 3 loads sand delivered
each 3 loads sand delivered - the
3 loads sand delivered and site.
- 1500 3 loads sand delivered
each delivered are sections and - discussed
about site - he advised to
take it to the hill and see
what sections and how it does
with changes in site from earlier
sections
- 1530 3 loads sand
- 1600 3 miles south of town
progress - most work being
done in western end of center
section all equipment is
operating except 935 timber
(tree truck) which always with
bed rock after and D-7 leaves
from broken by street fire.

Continued

1400	3 Loops of Sand Detached	W. Linsley, M.H.
1445	3 Loops of Sand Detached L. Horner, Leaf Size	
1450	3 Loops of Sand Detached	
1455	3 Loops of Sand Detached	
1500	Beech Buds 0/s (W. or Wm. H. or Sime)	
1515	3 Loops of Sand Detached	
1530	3 Loops of Sand Detached	
1545	3 Loops of Sand Detached	
1600	Leafless Leaf Size	
1715	Tim Sims appears for Mark's Tax office Coloma, Stark, McKeown, or Hovey Elderberry Leaf Size	
1800	Tim Sims appears for Mark's Tax office Coloma, Stark, McKeown, or Hovey Elderberry Leaf Size: No Big Cap was bad or more worse Leaf Disease at Big winter. Hedges on River occurred Thompson The day. All Tendee is Green from Clevee Tract also Remainig Tinsee or West Tract to be cleared Tomorrow. All Works and cut Tinsee is sent Colored in seek hole or the new size or some. & See Tommorrow Mr. R. P. L.	
1830	Detached Goss 0/s	
1840	All day	

M. J. Fossner

2 July 1967 Theory

0700	Winnipeg - Cloudy \approx 70° Forecast Rain 30% chance Temp 85°
0730	Personnel 0/s - E24-0, EK5-17 work for today will include: 1) More Ridges last down at Ridge's Edge. 2) Remove Remnant of cut trees and bushes. no trees at sink hole
0800	3) Continue slope in Glacier to all elevation at 115
0830	3 Loops of Sand Detached
0900	3 Loops of Sand Detached
0915	3 Loops of Sand Detached
0930	3 Loops of Sand Detached
0945	3 Loops of Sand Detached
1015	3 Loops of Sand Detached
1035	3 Loops of Sand Detached
1100	3 Loops of Sand Detached Glossy Glare for conference

* Sab Supply comes to Goss at
for home use.

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- OF NEW CEDAR TOTAL FE
OF LOGS LARE SIZES: SAND TO #00
1/2 Million Dollars More To
Project Master New Cedar
Total of \$1.7 Million.
1/3 0 3 Cases of Sand Decks
1200 Bleach Free Church
- 1200 1/450 Boxes - Log Tomed up
2x1 Boxes and Blk Boxes
Dose and out. Replaces
Lantern Item D-C Dose #2
- 1/210 3 Boxes of Sand Decks
1/280 3 Boxes of Sand Decks
1315 3 Boxes of Sand Decks
1330 3 Boxes of Sand Decks
1400 3 Boxes of Sand Decks
1415 3 Boxes of Sand Decks
1420 Farm House wanted size:
- 1) 1/6 Hippay was placed at
Rever's Box Die Stack Box
Co. Logans became at Box.
2) All cut trees 210 debles
All 95% complete or being
removed and discarded by
Sent hole.

- 3) Slabbing & Glazing Contractor
4) Sand pole carried to blow off site
all off site for Glazing work.
1500 Exterior Siding of W.H. Tracy

- 3 July 1987 Friday
OBSERVED Abnormal for July 4, 1987
1/0 Total - Ears per bushel of
Porkedon Scurvy of 24 the average
- 4 July 1987 Saturday
No. 700 - Ears per bushel of
Porkedon Scurvy 0/5
- 5 July 1987 Sunday
No. 700 - Ears per bushel of
Porkedon Scurvy 0/5
- 6 July 1987 Monday
Weather - Hot and Shiny
High Temp = 90° - 92°
30% chance of thunderstorms
Low Temp - 70° - 75°
- 0700 Personals of - Tom - Mack House
EPA. O., Ears - 0/
- Work for Tony well finished:
1) Popped 73 22 bags just today
2) Roger's Etc.
3) Remake Remodel or Cut the
20 degrees go 25cm at staircase.
3) Continue steps and stairs.
- W.H. Tracy*

74
07/16/87

Received and Stays at 8:30 /
Port. at Elizabethtown 4:45. Has been
loaded at present - the eggs. 8:25
Delivered - Sand Hill tile
Sight. Billed at the Road
and much higher up the Embankment
that I wanted.
Harold has contacted Bob Thomas
at ABASCO for classification.

0730 Total Hessian Strength 5000
- Site Area Estimated 1000
Due to Thinner strands area weaker

0800 - 2 loads of sand delivered
1 load of asphalt factory sand delivered
2 loads of rock delivered

0845 - 3 loads of Sand Delivered
0920 - 3 loads of sand delivered
1000 - 3 loads of sand delivered
1030 - 3 loads of sand delivered
1040 - 3 loads of sand delivered
1105 - 3 loads of sand delivered
1130 - 436 pallets of sand delivered
1130 - Three bags of sand delivered
1220 - Tons of bags on / after
1220 - 05c EG Hatchet on / after
1225 - 3 bags of sand delivered
1300 - 3 loads of sand delivered.
1310 - 3 cords of sand delivered
1400 - 3 cords of sand delivered

75

07/16/87
Tim Moscow, Bob Moody, Cables May 1
0/5 be Haarhoff.
3 loads of sand delivered
3 loads of sand delivered
Walls since and take
precautions. If it was raining
leave since for the
day. Company named
H.

1730. 5 cranes and trucks
work synchronized. Deliver
1740. At times however it's
going out here & there
1745 Lagging (3-5 seconds)
1748 5. Then other times
do 5200 work at site 1800
due to 5 cranes.

7 July 1987 Tuesday
Weather - Ht & Wind very
Scattered Thundershower Hail 1000
90° - 92° F
Precip 0/5 - Total about 1/4 inch
EG - 1' ELL = 15'.
Rain overnight has
stopped and power
restored at 0700 is rising.
Site is extremely wet.
Site is raining above and
has risen above this and

on river. Therefore, it
will not be possible
to lay pipe up on
river.

0735 E. Hauke OSC arrives
0745 Winkler has started
to clear.

0750 2 loads of sand delivered.

0755 After consultation with
D. Morris: Work and
see what work can be
done today. Concentrate
above road. Concentrate
about road on slope
and bulldozers ability
to maneuver.

0830 E. Hauke calls back
to let 5 bags dry out
a little. 4 loads of
sand delivered.

0855 4 loads of sand delivered.
0905 1 load of sand delivered.

0930 2 loads of sand delivered.

0935 3 loads of sand delivered.

1010 4 loads of sand delivered.

Work progressing - morning
tried to sink hole.

1040 3 loads of sand delivered.

1100 1 load of sand delivered.

1105 1 load of sand delivered.

1112 1 load of sand delivered.

1128 Work proceeding - grading
and excavating.

1129 1 load of sand delivered

1200 3 loads for lunch

1200 \$1400 paid from E Bosco
arrives

* ~~Clear corner, etc arrives.~~
~~(1110)~~

2 loads of Sand delivered

1245 OSC DCS and Danee使者 arrives

1255 2 bags of Sand delivered

1320 2 bags of Sand delivered

1325 2 bags of Sand delivered

1345 2 loads of Sand delivered.

1355 Total charges \$555 (one
forles) removed from
funds

1405 2 loads of sand delivered.

1410 J. K. P. to D. Morris about
Shore balance.

1415 Working arrives on site
to facilitate pipe laying

1450 4 bags of Sand

1500 Danee (使者) arrives

1745 Surveyor site and rear
photographs. A small
tent situated at pipe
and cover had been
placed on site & slope.

1830 Pipefitter and arrive
personnel leave site
for the day. Give site

August 19 87

655 At member Tolosa arrives
On site ERCS = 18

TAT-2 (M. Haecker +
P. Tolosa) EPA = 0

(D. Danner and E. Haecker
engaged.)

0705 M. Haecker arrives.

Wander for the day:
Hot, humid, high in
the 90's. 50% chance

of thunderstorms.
@ 0700 sunny warm, 75°

- 0740 2 loads of sand delivered
- 0743 1 load of sand delivered
- 0745 E. Haecker on site.

All three machines
were ready for service
to commence. See three
workers well. The cheaper
(manufactured by Phillips
& Cie will be used.)

- 0805 4 loads of sand delivered
Bob Howard (EBNSCO)
- 0810 2 loads of sand delivered
- 0814 1 load of sand delivered
- 0820 C. corner on site.

1000 Glass of San Jose

0915 4 loads of sand delivered

- 0920 2 loads of sand delivered
- 0920 2 loads of sand delivered
- 0920 2 loads of sand delivered
- 0920 2 loads of sand delivered
- 0920 2 loads of sand delivered

0945 four loads of sand.
On TATR Tolosa surveys

size & making and
loading continues on

River bed of site under
water. River appears

to have dropped slightly.
raise site case 11550 lower.

- 1020 3 loads of sand delivered
- 1050 3 loads of sand delivered
- 1053 1 load of sand delivered
- 1125 2 loads of sand delivered
- * E Haecker and D. Danner
recommended 20 m size at
1100, and lower level agreed

- 1155 Working resumes to
pick up rockite #1
for repairing.
- 1205 truck is on site to
repair road on dry
mech. Water truck
arrives with water
for gallery and dam.

- 1250 2 loads of sand delivered
- 1255 2 loads of sand delivered
- 1315 2 loads of sand delivered
called corps of Engineers
no check river levels.

Rivers is at 24.3% no of
0700 today, expected to
drop to 27.3%, 20, 18 etc
over three days. Total
was 10.5% supply.

1320 1 load of sand delivered
1330. Trashed tonne off

1345 surveyed site, work comming.
1425 Reckon to C.I. 5 loads
of sand have been delivered.

1440 2 loads of sand delivered.

1515 Worked off site, completed
site leveling.

1530 Sand transporter 14.4. H.L.
operator on 50%.

1540 5 sand finished for.
dug 5 loads sand.

1700 TA, surveyed site. Work
progressing. River will
have dropped significantly

1900. Full reconstruction except
part of service road
35% site, the available storage.

* 25 advanced arrived
1840 Rivers flowing

A long time
ago

9 July 1987

0700 Member Alberto
one size. A lot over size:
05c.i. D. Danner and
E. Macalane, 16 EPS

Member continues
to be hot and humid.
currently 75% advanced
night in the low 90's;
30% chance of thunder-
storms

0720 TA, survey site. River
is still going down.
load 5 will member water.

Ground and 5 laying
concrete on sand and
John Flynn of Tightans
Quarry comes to inquire
above when more big logs
will be needed. He says
with truck

0830 Member D. Danner.
Folomic will will be
Shuttle as Survey 410pm
driveway, due to low
brid. James P. Dard
Saddman (502) 8836591
0945 D. Danner, business size
log unit. Business size.

1145 1145 Two 500m wire
D. Danner regular log
fabric for logs.

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1200 2 tanks from Hazek
arrive. D. Clappine
of Hazek also arrives.
He works on 1900-555
A hand truck is secured.

Work is progressing
mainly on the south
end of the site. Tide
is bring sand on
the sink hole.

1315 Survey work continues
on south end near
water line. At tide fill
area work continues.
Approximately 50 yds of
the marine site been
filled in approximately
20 ft deep.

1445 Survey work and take
readings. Since it's
geodetic survey board
is still under water.
Tide from Hazek
are able to clean up
site and remove
larger debris (rocks,
slope trees etc.). Get
work continues - laying
and grading. No sand
or other material
has been delivered
today.

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* E. Haack (Ent) and
Clay Corman arrived
yesterday 1730.
Personnel present size
for the day. Pincher
arrived at 1830

Map of site

A sketch map showing the location of the site. It features a large rectangular area labeled "Site" with a diagonal line through it. To the left of this area is a smaller, irregular shape labeled "Ditch". A curved line labeled "Tide" indicates the water level. A vertical line labeled "Slope" extends downwards from the main site area. A horizontal line labeled "Ground" runs across the bottom of the sketch.

0700 Work started - On
site (P.A. - D. Palmer)
AT - 1 A. (Linen) ERS -

16. Croaking and barking
bird continue. 2 Hoot
calls are on size during
non-projected banded
work (putting stores
in the gallery shelves
yesterday) clearly
and heard it several
times today in the low 90's
at 20ft. above the chamber.
5 stems.

Called G. gibbi
yesterday as there were
longer flights so as
size seems much
faster than will be
seen again. It will
have to call again today,
but continuing to make
noise and to return to
the same spot every 20
seconds or less.

1000 Work continuing to make
noise. 2nd alarm at
at 0800. Salesman from TSCO
starts by first phone.

- 1100 Salesman from Janell
comes by to phone
once. One size today: 2 dogs.
1 rock hole, 2 boulders
5 dogs, 1 razor (farm)
and down, comparative
1 dog, trout was downed
yesterday.
- 1200 Salesman from
his service here last
@ \$35 per sq yd. We can
have area 38/59 yd
first area: of course
came down 20. 35 ft. big.
- 1230 Trunk arrives to take
it out of storage. Trunk
is not yet ready.
Salesman goes to
store to call again today.
- 1500 3000 recycled tiles
are picked up and
placed in truck and
are waiting for delivery.
- On south end 2 truck and
personal 1 truck and
are picking up debris
on site 20 bags are
5 bags per acre.

- * One Hazwood each leaves
for Atlanta (1,300).
- 16550 One race of seven 4 NIP
is delivered from racing
- 251700 Standard size: 5 log cabin
and grander concretes
table pavilions.
- 1900 Hazwood each work
- 1830 Reservation Standard leaves for
the church
- * 19. Dandie leaves for Atlanta
(1,330)

11 Jan 1987

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- * 0700 Works stores boat into
dry fit T-1, damage / concrete
/ concrete, / same fractions,
/ concrete, and 5 barges.
- * The E end of main cabin
off size off at 1530 on
7/10/87. (Dinner also off).

Weathers for today
Hot and humid, high
near 90. humidity
75%
River movement
at 19.5 ft: predicted
17.5 ft by 7/12, 15.5 for 7/13.
0800 Surveyed site. River
done a little. Road
still mostly under-
water. Getting and
laying will continue.
Pavilion left

- Hazwood:
D. Rivers forecast 12
J. Little: Forest Engine
operator
B. Bottom: Tech C1
C17 C1:
D. Thomas Forecast 12
Engine Operator L2:
G. Hamm, B. Hamm,
C. Carr, H. Broad, L. Shultz,
T. Houp, T. Weller, G. Hodges.

- Reckmeyer & R. Davis
Truck Driver L1 R. Keebler
Truck W1 L.V. Frank
As before experiment. The
trahelore is not in use
today.
- 1100 Mr. Sherriner CMC arrives
to take trahelore w/
20 ton hauler
Sherriner departing scite
On today's 55-5 changes
are made concerning
2 cars under load not
appear on 55-5 or
55-8 (7 hours each)
and an assignment
operator under load
not work on 7/9/87
above appeared on the
55.
- 1230 Reckmeyer no work
over lunch break. Spring
and grading continues.
1315 A storm with lightning
and dark clouds had
strong winds. Work
was suspended until
the weather clears
1350 Scorm passes "without
very little trouble."
return. No work resume

* When the truck was
taken off site yesterday
7/10/87, a pickup with
lights on was used as
before the truck due
to it being a unit load.
1500 More continuous grading,
scraping and collecting
large debris
working on 1900-55-5
for 7/10/87, continuing
(left) off site final report
(, up a hill, 1 w/ 12 tons)
unloaded scite and rock
prices. Rock is
above uncut line but
very soft. Grading
and scraping continues
on south end of scite
1600 Same work
1830 Maintenance on scite
1900 Scorm was gone
the day.

Howard Ober

110 July 19th 87
 12 AM All personnel on
 0700 site: ERCS: 15 - 9
 operators, 2 foremen (D. Morris
 and D. Thompson), 1 melanist,
 2 welders, 1 truck driver.

Weather: Current 70.
 Hot and humid today with
 a high near 90.

Personnel: TAT - A. Black
 Hazard: D. Morris (Foreman L 2)
 J. Riffle (Equip. operator L 2)

B. Bolton (operator and L 1)
 G. Thompson (Foreman L 3)

B. Lewis C. 2 signig generator: H. Brock,
 B. Lewis C. case in wallet,

C. Lockfels, T. Hayes, M. Hamel

V. Shallow, P. Daniels (L 2 Mechanic)

J. V. Parker (L 1 Tech)

R. Lechner (L 1 Truck Driver).

Equipment on site: 5 dozers
 (2 case 450, 2 0-6, 1 07) 3 loaders
 (4.5, 955, 951) and one compressor

6 welding and sloping
 units containing tools.

Plane calls for spreading
 sand on 7 1/2 and laying

a road next to a waterhole - of 1400 ft.
 one 7/14 on 7 1/2. D. Daner

angie see we back on Tuesday
 (7/14).

1000 Surveyed site. River
 downcut, last road is
 very wet. S reading and
 sloping contours are
 south end of site. Took
 photogaphs.

1100 Work continues.
 Concrete cover about
 1000 ft on west.

Break for lunch
 Research work
 about concrete
 sloping and grading
 on south side. 0-70
 dozer is to become unit
 a transversal shear
 (52 goosed working
 at about 1100.)
 5 tonne blowers up under
 light rain and wind.
 Work continues.

1600 Rain ends. Work
 continues.

1715 Survey 5 site. One
 loader is moving
 dirt near chipping
 zone - sloping and of
 site - sloping and grading.
 To Hopy, operator of
 the 5-ton blowers for
 the day.

42

1830 Picnic dinner on Socie.
1900 All personnel leave
Socie

13 July 1987
0700 work starts on one
site & RC - station 15
TA T-1
ERCS.

Hazards: D. November 62 from
D. Bolcom 61 Tech
Ridge 62 Edgewood Game
area: D. Horizons: 63 November
12 & young. Operations -
B. Xmas tree. Deacons H. Banks,
A. Headache, pt. Hammock,
J. Ave V. Shallow,
G. Headache, T. Walk,
T. Hough, C. Case
L. Train driving - P. Teacher
L. Halvorsen - K. M. Banks
teacher today - Cindy
arrived on 80 off chance
of rain, right mid-80's.
Picnic dinner: 16 - expect
to drop to 14. 5 by Wednesday
day morning, 15 by Saturday
Sunday and 10.0
The D-7 class will
drive. It will take us
pastiched up today. A
D-3 or smaller engine
loader may suffice
etc.

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Sand deposit which. Sand
gravelly soil may start
today. D. Danner will
be on site tomorrow
to examine, grading
and sloping continuing
on the south end of the
site.

1934.3 Surveyors, W. Colombe,
D. Greenley, and T. McKenna
arrive at 5 a.m. Slope
and cross section done.
W. Schenck and G. Dean
arrive. T. McKenna and H. K. Taylor
no later. D. T. for regrading
on south end. D. T. being
loaded on lowboy
tractor to running
already.

1200 Back for lunch.
McKenna arrives delivering
articles until arrival
for gallery and door.
Truck: W. Schenck
leaves as does operator
C. case.

* Edging on site: 4 dozers
3 loaders, 1 truck, 1 compressor
(0700).

1250 W. Schenck returns
until about 7 p.m.
up to 10 p.m.

McKenna leaves
Site.
1315 W. Schenck leaves site
call rate 2 amonut
in Washington re.
complaints practice
of working late, generating
site summary report.

1300 Hard rain starts.
1400 Thunder & lightning has no
connection to site.

1420 Rain continues, stops
connection to site.
rain & clouds to a
drizzle.

1430 Engagement receives
no get prepared up. A
decision will be made
as to whether to
continue work. Site
is very wet and slick.
Surveyors leave. Site
remaining ungraded.
All personnel leave.

1540 Equipment being brought
in and maintenance
done. Forecast calls
for continuing site.

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work will be cut short today. B. Bolson will stay on site until Pinterton arrives. Personnel leave 1630 hrs. personnel leave site for the day. Production arrested.

A review of events

Collected

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14 July 1987
0700 All personnel on site. ERCS - 14, TAT-1, Wacker - currently cloudy, cool, 65°. Estimated: Party saying and less humid, light in the low 80's

Markains last night and early this morning have kept the site extremely and mostly and wet. Equipment will not be able to work on slope. D. Johnson sends info:

ment operations have until 1200 no let site size dry out. J. Riffle and B. Bolson are out retrieving a Hazmat pickup that has run out of gas. J. Riffle will be sent back to the hotel. B. Bolson will stay on site: currently on site D. Morris, A. Blue, K.L. Lawrence, X.R. Parker, 0815 B. Bolson returns to site on site: A. Roberto, D. Morris, X.R. Parker, D. Thornton, B. Bolson.

- Weather is clearing.
1045 Weather has turned sunny
and cool. Work will
resume after lunch so
site will have a chance
to dry out.
- 1100 General maintenance
is being performed on
equipment. On site: M. Hammel
B. Bolson, D. Thornton, B. Davis,
V. Stivens.
- 1115 Survey size: 5 days is
strictly extremely wet
and is causing
1 load of manure removed
from cliff face.
- 1142 1 load of manure removed
from cliff face.
- 1155 G. Farlow arrives via a
D-7 dumper on a 20' long log.
- 1230 G. Farlow leaves site
for one 5 tons up here
the day. All scheduled
operations are on site.
D. Thornton EPA is also
on site.

Held back:

- D. Thornton - foreman L2
B. Bolson - Task L1
J. Little - Equip. Operator L2
D. Thornton - Foreman L3
M. Hammel - Scheduling
B. Davis, H. Brock, T. Held

- T. Hough, G. Rockwell - Operators
B. Davis - mechanic
L.V. Shands - L1 Loader
R. Fletcher - L1 Truck Driver
Site summary reports
are running very tight.
Personnel is pinched
working on equipment
too many.
- 1330 G. Farlow returns
with the 215' backhoe.
Equipment in use:
45' dumper, 3 loaders,
1 crane (concrete
NOT in use)
Surveyed sites, erosion
is very evident on slope
from last night's rain.
Site is very wet and
mudly. Only 26 large
boulders are working
on the 5 logs. Total cost of one
small car was working
over and a level situation.
The worker is organizing
the road to the dumping
- Site summary:
- G. Farlow leaves site.
Car loader and
Cat D-6 Loader is
also absent.

- 1345 15/15 OSC Shands - Danner
dismantled largest

15 July 1987
 0700 All personnel on
 regarding organizing
 space beneath. They agreed
 further communication is
 unnecessary. Paying off
 sand will start as soon
 as equipment is on site
 1630 D. Thornton came for
 the day's linemen delivery
 weight tickets from
 the same small delivered
 total 5 loads 112.61 Tons
 totally.
 1800 Scrubbed site and took
 photo graphs. A meeting
 and planning committee
 was formed and I com-
 mander is facilitating
 and has been since
 1500. D-6 loader in
 also working.
 Pile buster arrived
 1840 All personnel leave for
 the day.

51
 15 July 1987
 size ERCS-15, TAT-1
 ERCS:
 H oriented:
 D. Moreno - Foreman 6.2
 J. Riffle - Equip. Operator 6.2
 B. Bixen - Jack 1,
 circ:
 D. Thornton - Foreman 6.3
 J. V. Corral - Laborer 6.1
 B. Davis - Radiamie 6.1
 R. Lecher, G. Harlow - Truck
 driver 6.1
 B. Turner, H. Brock
 V. Shabot, T. Hays, M. Hamm,
 J. Welch, G. Richel - Engineer
 men of operations.
 A worker com-ache
 about, driver by G. Marlow
 has been brought in to load
 Sand. To go to the AWR
 Total sand will be
 brought in
 in quantity in
 5 dumpers, 3 loaders,
 7 truckloads, 1 conveyor.
 It is expected the case is not
 being used currently.
 The conveyor and trailer
 will not be used today.
 Weathered's vehicles
 delivering dinner grade

A few

- ground. The truck driver
transported down the gully
on the leaves east of
the site (see photograph.)
- * 750 3 loads of topsoil delivered.
756 1 load of topsoil delivered.
The topsoil will be used
to cover the field area
in the river bed.
- 759 1 load of topsoil delivered.
807 2 loads of topsoil delivered
815 1 load off topsoil
820 5 survey 5' site and take
picture. 5' and spreading
has 5' vertical on south
end of 5' site. 6' spreading
and 5' laying concrete
now and middle of site
7' ramming is on one
pulling distance off
river bank.

* Weather is severely
cloudy, chance of thunder.
Ground high, in the
low, 8' 0 5
Survey 5' site area.
Soil of leveling part on
top of hill. A 5' cone
is on site to check
progress of work.

- * D. Danne arrives (0800)
D. Danne leaves late.
Survey 5' site. 5' laying
and spreading concrete
spreading of sand continuous.
Topsoil is being delivered
to the field area at
the rate of 7'-8' load
per hour. B. Howard
is on 5' site.
D. Danne returns.
Break for lunch
Return to work
Survey 5' site. 5' and
spreading concrete
on slope. An area
about 40 ft by 150 ft
has been scattered over
to spread sand over
to a depth of seven
inches. No further
concreting is to be
done.
- * B. Burris, start of
Kinnaboy on side road
"new" grass.
- 1355 B. Burris leaves
site.
- D. Danne has called
to come of Entomology
regarding slope of AHR
slope.

D. Danvers has called Jane Ruth about grade of the slopes. Corps will be satisfied with slope as long as it is flatter than 3.5:1.

1600 Phone Waccamie Marion with Polk #15. Operator #330.

1630 Surveyed site. Found spreading contamination as does spraying land grading in same section. Land here is not in use. Took photographs of soil being delivered to field area. Ace Distributors on site delivering lime full.

1730 Picture taken on site 72 load of dirt delivered to site.

1900 All personnel leave site

16 July 1987
0700 All personnel on site. ERCS - 15 TAT - 1 and Bolt Howard from Elbae. Hazeel: D. Morris - Foreman L2 B. Colom - Truck L1 J. Rife - Ergo's operator L2 C.R.S.
L.J. Thornton - Foreman L3 B. Davis - Mechanic L1 L.V. Burke - Foreman L1 G. Sanders, R. Hodder - Truck Driver
T. Young & Zackay, M. Hamann, Tom Waller, H. Brock, V. Shelsong, B. Townsend
Equipment Operator L2
Fireman Head of ergo soil arrives. Tops office and surrounding sand and will arrive today. First shipment and raw weights on site to be: D. Morris, plans to call 5 hour to bind out until the bidding procedure can be completed.

Robert

A check

0830 D. Daner arrives
Billing twice advised
to amend bill due a 28 day
month instead of a
30 day month as the program
will fit. He claims about
the EPC's contract
is set up on a 28 day
month for payment.
Call D. Daner in
Philadelphia. She claims
concrete is set up for
a 30 day month billing
according to the extra
days billing. She tells
TA to amend more to
settle the charges for the
1900-55. T. J. Danor
has any questions he is
to call her.

0930 D. Daner calls D. Daner
regarding billing. She
can not be found
1030 Ohio Valley tire arrives
to fix wire on dump truck
1055 B. Howard leaves for Atlanta
1100 Work continues: 4 reading
and 5 log truck spreading
sand, 7 ton soil in early
delivered, 5 - 6 truck
per hour. Truck will be
rented will be fabricated

today. B. Davis has
decided a single stage
truck will be used
to the benefit of one
of the buildings so
the fabric can be rolled
out on the stage and
a minimum amount
of labor. Two or three
trucks will arrive from
Atlanta to assist with
laying the fabric.
1130 Survey site. Komarov
dump has two flat
trucks that need repairing.
Larry Parker of the Army
Corps of Engineers is on the
river watching progress
of the site. He has been
involved in the project
TAT member Robert refers
this to EPA Atlanta
for further information
and gives him tract
call site (what is being
done, when it started, who
is responsible for the job.)
Sand spreading has stopped
because dump is down
Final bill was grading
to 5 truck loading truck
to dump site. Top soil

- is also being brought
in from outside.
Leave 5:00 to take
rockie disk to Kenosha
TA office so race. Zenobia
can fix it.
- 1330 Kenosha Gravel returns
to works. Top soil
continuous to be delivered.
Surveyed 5 size. Same
laying is proceeding
rapidly. In area has
been laid down on it
slope. Gravel and
sloping continuous in
middle of site. Top
soil is 5 size being
delivered to hill area.
Size of disks is on
- * 1330 B Howard returns
- (1300) Take to D. Danvers.
Same menu remains as is
and I get cleaning
frozen ham dinner. D. Danvers
will have T. Horner
constant here to explain
Hastings position.

- 1600 C. Swanson and B Howard
leave for the day.
- 1620 D. Danvers calls again.
Comments does not specify
definite month. She said
by yesterday ~~was~~ was
on a ~~very~~ dry
month.
- 1640 More continuous. Since
delivery has been for
the day. Manufactured sand
in the morning. Take
will be here first
thing in the morning.
Samples were delivered
on 15 July. Two additional
truck will be on site
to lay gravel.
- 1700 Surveyed 5 size. 12 loads
had selected laying range
on river bank. Same
proceeding continuous.
Top soil then topsoil
covers entire site
size. Took photographs
of Kenosha on site
1830 All personnel leave site
on the afternoon
- A few other*

17 July 1987
 0700 All personnel on site
 ERCS - 4716 TAT-1
 ERCS:
 Hazusa -
 D. Morris - Foreman L2
 Mr. Riffle - Equip. Operator L2
 B. Borden, C. Mc Donell, Tim
 Gruber - Tech L1
 C. M. C -

D. Thornton - Foreman L3
 L.V. Roche - Laborer L1
 P. Helder - Harbor - Truck driver L1
 B. Dennis H. Brock, M. Hammah,
 A. Hazelton, T. Hoyle, T. Kelleh,
 V. Sheldor - Equip. operator L2
 B. Davis - Mechanic L2
 TAT - A. Roberts
 Weather today will
 be hot, humid, and sunny
 with a high near 90.
 humidity 65%.

6-7 Cables (938' total)
 Of 700' soil was delivered
 On 16 July. Transported
 sand, concrete and soil
 will be delivered.

0830 Sun very sunny. Rigid bridge is
 being laid along the
 river. Gravelly sand
 is being laid on top
 of the rich sand on the
 south end of the site.
 C. Green and R. Howard

of bases are on site
 take photographs
 TAT leave site to get
 and we decide where
 Hornerville TAT office
 0900 TAT return to site
 1000 30 rolls of the Illinois
 66 NIP material is
 delivered.

1045 Train sailing regimen
 has a flat rail. Only
 Valley view will be called
 to replace it.

1100 Surrounded site. Back
 strengthened sand and sand
 soil is being brought
 in. Gravelly sand
 is being laid down on the
 slope. Top soil is being
 laid down on top of the
 slope at the south end
 of the site.

1115 2). 40 rows leaves site
 to go to the bank. Cont
 continued to be left
 alone so is. TAT is not
 to change the cosine one
 until new start dates
 for equipment.

1200 As much bone bank
 for distribution
 1210 arrives to deliver diesel

1220 B. Howard leaves site
 goes home -
 1230 Revisit Sims TAT arrives
 one site. He's still
 in place. A. Collected
 On site 5 barges, 3 leaders.
 1 truckload 2 trailers
 Howard ate the don weekend
 1415 not home departs
 1515 City drivers arrives wheel loader
 1615 leaves departs with dynamic compactor
 1800 check progress and site
 1945 James Jacobs, owner by arrival
 2000 Crew departs
 Summary - Howard, Carson, will be
 out to his and his Monday 7/20/87.
 During that time Carson will be
 in charge of all work performed: that
 goes - specifically owns and maintains
 know about his and his of emergency
 TAT. Sims and Roberts supervisor of
 D. Howard and other of sites prior to
 main original site. *X Sims*

- 102 Party to dinner
 Weather - clear & 65°
 Forecast - high 90° chance showers
-
- 103 Persons and site: Hatchet - Bob Cox.
 Jim Freeman, Sims, Prentiss, Bob Brown,
 CMC, et al. Mountain, R.W. Banks, Al Lewis,
 Al Brock, R. Davis, B. Thompson, P. Leibler,
 M. Shubert, J. Oberholz, T. White, Gary
 Ringel, J. Shultz
- Once work begins, James who do, seem by experts
 0820 back channel or the bypass. CMC and SPC
 0900 Bob's claim on York turned to early
 the claim site to remove electrical
 equipment.
- 0930 Check progress - top soil removed and
 west end of level ground - approx.
 200' x 200' area. Sand and material
 sand and gravel. Top surface at
 approx. 115' and western edge of
 central seabird - sand and coarse sand
 approx. 130' & 145' etc., more material
 sand area. 120' to a distinct
 horizontal layering of clumped central
 section to be 1600' art.
- All earth moving equipment and site
 1000 Discrepancy with all others has calling them
 to have drivers stay during which
 extensive site - funds entering and
 waste spread and been applied
 a concern when it works on this
 site before. Therefore sans de air

MS 711 (see notes 7/10/87)
 #25 tank top soil delivered today
 39 tons meg. sand delivered today

19 July 57 Conference w. Sims

- reviewed the obvious.
- 1200 TOT requests all advances that stop by C.R.P. to have tickets signed to place the word to the others to show down to 15 mph when entering site. The others won't work it will call Charles Shinn you see k.
- Crew breaks for lunch
- 1230 Work resume first D. Hutton to have one of the clean-up trucks replace bulldozer and security lights. Painter reported missing wife last night. Candy policies were called at 2300 but did not arrive until 0405 - no one sighted. (According to security report) no equipment reported damaged or missing to date to pick up "no trespassing" signs.
- 1630 House returns - Observed gas holding tank gate from kee's home to the old well gate, has turned off the barrel to put up cable across in front and put a lock on it.
- 1845 All horses calls - TOT reports Prairie strategy and previous logistic measures taken - says "y" arrives.
- 1900 All depart - M. Sims

19 July 57 Sunday

Wagon - across to 450
Covecut - hot sun & 80°.

- M. Sims that
- Crew and wife names change, several reports to S. G. and W. A. C. W. A. C. reported - several tons strand away and safe enough - a gate is needed here - often very hard to report damaged gates and a wooden wall to P.P. check progress and sides - P.P. soil / cedar et fls dead wood and sand and water & mud etc. X 0730 AM. May. sand and water X 170 AM. Present to campment: C.M.C. - G. to stage back dragging area ahead on top soil with water then closer. S. Thorn had a m. hand at spreading water sand and slop as w. the 450 B Case when at 450 C base then respectively. P. turns two loads r.p. rap with g. t. bender, R. lifts heavy m. to water line w. g. and drop truck. N. Brock spreading r.p. rap is working fine with g. t. bender (bender), to which piling debris near r.p. rap placement with 25' steel track loc. U. sketch to John Little (Master) about 5' slope east end w. the D-6 ~ 955' lower respectively (listed as 955' lower as is the case next street - is actually 1155' low track lower - same bucket

19 July 97 Sunday Continued
At K.S.B.S. 700 AM

19 July 97 Sunday Continued

K. Sime RTT

capacity). T. Champsis loaded sand with new loader, g. Nor law truck being sand with trailer on dump truck, D. J. dozer operator since 1000 hrs (M. Hassan switched D-J car 450c older at that time)

1000 Spent to M. Hassan & J. Lisse about scheduling more work for clean-up trucks who have little to do until fabric work begins (tomorrow according to Shrawan)

1100 Count yesterday's egg rejects - 247 loads made up before sand, 417 loads top soil / sand received at 49 ad. Hassan loads received on 7/17/97.

1200 Crew breaks for lunch - that was sole

1230 RTT at site - work resumes

1:10 Delivered yesterday's aggregate delivery tickets - 474 loads may sand, 477 loads top soil - also sand and add. planned 349 receipts for top soil delivered to day 7/17/97 making a total of 741 loads yesterday.

1500 Short period of site - observed operating large dump truck all different vehicles to enter in the gate of site at end of Portman Street (picture # 9)

1530 Two or seven lights over closed back.

19 July 97 Sunday Continued

K. Sime RTT

1915 Crew begins working on slurry man thousands of eggs smashed.
1945 James Woods "seal" by arrives.
1900 All paper k Atkins

capacity). T. Champsis loaded sand with new loader, g. Nor law truck being sand with trailer on dump truck, D. J. dozer operator since 1000 hrs (M. Hassan switched D-J car 450c older at that time)

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1500 Short period of site - observed operating large dump truck all different vehicles to enter in the gate of site at end of Portman Street (picture # 9)

1530 Two or seven lights over closed back.

- 20 July 87 Monday
- Weather - clear in 20°
Forecast hot humid 90°
Mr. Sims, MTR
- 0700 Work resumes - seen by departs -
no security problem had by
works, however a w. "vacuum"
had 40' missing from diaphragm
pump at water line.
- 0900 Met w. site
- Progress check - planned - assignment
assignments same as yesterday.
3 or 5 dump trucks delivering rip-rap
have been delivered by Twentie
D.O.T.
- 1000 Application between S. Hanson and
U. Shelters over per diem.
- 1230 Work resumes
- 1315 Bring Burns and wife - four sister
w/ him in Manaw.
- 1330 Charles Shaw (Shaw Trucking) on site
- 1345 Burns leaves
- 1400 Shaw leaves
- 1515 County Auditor & David Hansen
etc on site
- 1615 Hansen & Hansen on site
met w. - met w. site to pick up
as he didn't get to company
- 1830 Met w. OSC and wife
- 1900 Security arrived - many experts
2000 Met w. experts
H. Sims

- 21 July 87 Tuesday
- Weather - hazy 70°
Forecast - hot humid 95°
Mr. Sims, MTR
- 0700 Work begins - D. Welsh - used to clean
grading mg. sand, A. Mathews - dirt etc
4000 t. clean a 15' linear grading
strip, J. Welsh - 215 trucked away debris
site. G. Lymans - 1400 linear cleaning area
ripped out top soil layer, T. Thompson -
met H. Hodder loading sand, G. Marker - had always
banking sand, G. Kress - 950 trucked grading
rip-rap, R. Luther - had along banking
rip-rap, W. Beck - 1.5 linear grading
rip-rap, M. Hansen - 2.0 grading slope
ripping, S-C grading slope. Same who do
security departs.
- 0815 Aggregate deliveries begin
- 1200 Break for lunch - MTR Thursday on
site
- 1230 Work resumes
- 1300 Bring 14' long fabric on west end
- 1330 MTR vidic site
- 1400 OSC phone calls
- 1430 Met Hansen on site
- 1515 Same Block, security - on site
- 1600 Met departs
H. Sims

- 0900 Weather very hot, heavy to 65°
 forecast - hot humid to 95°
 K. Sims, TAT
 0700 Work resumes; occurs to depart
 D-5 delivered last night
 Lo dozer - P. Laramie - C. Laramie
 and wife.
 0900 Check progress - fabric is being laid
 starting at the west end - approx
 100' x 215' (about the second pool,
 #3 stream has not been placed and
 fabric is tucked the ground
 with 18" rails. Sand is being
 brought up from stockpiles at slope
 with both dump trucks trying to
 get ahead of the mag. Sand
 major slopes and embankments and east
 end of central section where
 slope had been 2:1 rip-rap
 being delivered by about 5
 trucks (not enough) and one
 rip-rap was afterwards approx
 560' from its east edge.
 1155 D. Morris brother arrives from
 broken truck. 1450 not in
 use.
 1200 Break for lunch
 1230 Work resumes
 1247 130 rolls plastic delivered
 1328 Barry Burns on site - fair
 site w. th. TAT
 1400 Burns is on site to pick up ribbons
 1500 775 on site to pick up ribbons

70

71

- 22 July 87 Wednesday Continued
 at K. Sims, TAT
 1030 200' on site
 1845 #10 west at 16' sand at 1430
 Sam Black's security arrives
 1900 #1 departs X. Burns

23 July 87 Thursday
 Weather heavy 75°
 Forecast humid & 90° chance of rain
 N.L. Sims - TNT

- 0700 Work resumes - laying of fabric & tarpaulins to 210 ft. of MFG sand afterwards to 365 ft (smooth) 420-445 another 100 ft is being roughed in. River sand is being spread to 100 ft ahead of MFG sand. Road dump hauling debris to backfill area at Southwark section, KW dump hauling sand from stockpile to slope. Rip-rap bags trucked in directly to water line. Plans are to have #3 stone delivered for placement over fabric.
- 1000 TNT off site
- 1030 TNT on site
- 1200 Break for lunch
- 1230 Work resumes
- 1300 Trash, debris being hauled to backfill area from east end where major grading continues to reduce slope to 3.5:1.
- 1400 D. Marlow off site
- 1530 D. Marlow on site
- 1800 Marlow, Stump, Champion, + Brock off clock
- 1845 Sara Black, security, on site
- 1900 All depart by Sims

24 July 87 Friday
 Weather clear & 75°
 Forecast 90° 20% chance showers
 N. Sims, TNT

- 0700 Crew on site - work resumes
- 0730 Ed Latcher, Jack Stonebraker, Dan Rogers, Lesa Davis + Clay Carmen on site - TNT runs site with them. OSC recommends laying #3 stone and fabric ASAP to avoid fabric being disturbed by weather. Lesa Davis recommends TNT to document thoroughly especially any field decisions and to send progress reports weekly... OSC wants lots of pictures of progress.
- 0830 Latcher, Stonebraker, Rogers, Davis + Carmen off site.
- 0900 TNT off site for office supplies
- 0930 TNT on site - Rip-rap and manufactured sand being delivered today.
- 1030 TNT Huzzsey calls - he will receive me 8/3/87.
- 1145 Latcher, Stonebraker, Carmen on site
- 1200 Break for lunch
- 1230 Work resumes
- 1400 Latcher, Stonebraker, Carmen off site
- 1530 Fuel delivery
- 1700 Equipment operators Rotgesch + Darnford + Mechanic Davis off site.

25 July & 7 Saturday Continued
T. Sims
Leave who stays
until security arrives.
T. Sims

26 July & Sunday
Weather very dry 95°
Forecast partly cloudy 95°
T. Sims
0700 Work resumes, mainly moving
sand from stockpile to
slope, tailings claim to
bank fill area. No aggregate
delivered today. Maran in
strength no 1/2 on side slope.
R. Maran at 100% strength
Fabric for holes - none
observed. Appear there is
more river sand on side
bank will be needed on slopes.
Proceeded using other tables under
top soil on area to be seeded.
1000 Break or lunch
1230 Work resumes
1430 R.R. - Maran out side - photographs
safe claim opposite shore.
1630 Back on site
Security arrives - crew departs.
Summary - River sand cover appears
to be 1/2 complete, may need
more fabric - 30%, top - top
reflects tailings claim watershed.
at 3 working and good at 5'
depth - no change to fabric & no
slowing on slope.

T. Sims

7/28 Party 87
 Weather clear to 75°
 Forecast high 90° yellow deserts likely
 K. Sims 7000

0700 Work resumes spreading river sand, manufactured sand, stone and rip-rap.
 Jack Corman arrives to pick up D-6 dozer. Secur. by
 departs - no problems reported
 0730 as storm front advances out west wind crew will be going to
 10 AM the following Monday. Train
 schedule off due to no aggregate delivery after 3 pm.
 0800 D-6 dozer 2, and truck and dump truck removed from site.
 0930 D-6 and dozer cleaner and man made
 bed of new depth of 3' and
 new work schedule.
 1100 Sand placed at 17

1200 Break for lunch then business, one side:
 1230 Work resumes the business, one side:
 1300 Photo graph site, same opposite
 side of river,
 1500 Then running off side:
 1600 Heavy rain and lightning force suspension of work

1630 All departmental site left after rain
 1830 Security arrives, Thomas departs
 K. Sims

Tuesday
 Weather clear to 75°
 Forecast - high 90° yellow deserts likely
 K. Sims 7000

0700 Work resumes - ground and
 man rein - have to scrap
 top layer due to tracks and
 trail back to stop with
 at 3' and melt sand. Tractor
 hauling rip-rap over road to
 water line.

0900 Check progress - pictures to be
 taken of muddy condition
 track and width Memphis offices
 1000 Check out lunch

1200 Break the lunch
 1230 Work resumes

1300 Scour by arrives - crew departs
 Barr & Burns and wife - A. Maxwell
 Burns a fast turn work. Note
 several spots where #3 is
 spread to ground - one spot
 damage to trailer is
 with a lens of trailer has the
 add more #3 in the space

1400 - Burns - after Maxwell
 Sims off site. A. Sims

- 29 July 89 Wednesday
- 1100 Arrived at 9:30 - got chance to see Simo, 2217
- 0900 Walked across - spreading river sand & man not satisfied w sand, filter on bridge and at 3 stone and 5/8 per bushel. Influence the truck rip rap down to water line at both ends of central section. Security department - no reported need for this and thought it would be better to have them pick up the other side closer at 1030. Terrain remains damp & muddy in places but as not affecting project.
- 0900 Lunched at Yunnan San to keep at 3's at least 5" deep to prevent damage to fabric.
- 1000 lunch break
- 1230 Work resumes
- 1400 D. Mor and two others hospital
- 1500 G. Mar low end site
- 1515 P. Shambacher - T. Mor and (other tech) on site - G.J. wants to do some opposite side on river and a summary report before he goes to Washington (date unknown at this time)
- 1630 Shambacher out after
- 1645 Security and 500' off
- 1700 Crew departs. iff some

Lee's Lane Land #2.11
 Louisville, Ky.
 TDD 04370330 / 04/8706-04
 Log book # 3

- 1
- 30 July 87 Thursday
 Weather clear & 75°
 Forecast - high 90° 40% rain chance
 At. Sims site
- 0650 Crew and sister - no problems
 0700 See our typist - depart - no problems
 no paper feed. Work resumes
 spreading river sand, mostly
 sand, strides after and
 at 3 stone and 5' open, also
 placing rip rap and water lines.
 OSC close down classifier and
 pack stone breaker on site
 0800 Meeting of Stonebreaker depot for
 N.L. Taylor site. OSC has requested
 that that inspect and quarry
 applying aggregate and broken
 procedures.
 0930 Carl Day Jr., saw stat office
 and relay message re. van 283
 he will take care of today
 if does not mind.
 1000 Start off sites to visit Bushy
 Creek Stone. Observe 50-60
 trucks being weighed - computerized
 system weights in each truck
 each morning and cars trucks
 weight - under - driver was
 as input into system so
 what when trucks are
 weighed loaded only the
 truck number is entered.
 The computer adds up the
 net weight of the



National Brand		
56-401	Ginger	Record
56-402	Black	2 Cols.
56-403	Red	3 Cols.
56-404	Blue	4 Cols.
56-406	Green	6 Cols.
56-408	Chestnut	8 Cols.
56-412	Maroon	12 Cols.
56-431	Black	S.E. Led.
56-441	Red	Crash

Made in U.S.A.

80 Pages

2

go Party 87 Thursday Cont.

- 11 Sims, TAT
load and prints receipt.
Seal's operator account charge
these last admissions. Observed
washing approx. 2½ hours.
TAT on site - have repaired all
drives to stop at a
command post and have
ticket signed with each
load as per DEC report.
C. McDaniel - I have off site
B. Bell now at 7: Graham off site.
1645 Security arrives
Crew departs with James

- 0900 Party 87
weather forecast ~ 75°
overcast. Puffy clouds 40% rain chance
N. T. Sims TAT
0645 Crew and sites
0700 Security departs - no problems
reported - work resumes -
same as yesterday except no
fabric will be put down
today - will try to get all
fabric anchored it was completely
excised before break off for
weekend.

- 0730 C. U. Barker off site.
0740 Off site to check out gearies:
0800 Marks - Marcella uses expanded
systems for everything similar to
Bull. I Co. Share: Tracks are weighed
in empty tired trips and same is
keyed in to the computer along
with admiss fractions and methods for
each vehicle (empty = driver and)
when truck number is loaded, only
the truck number is weighed
and not permanent date is punched
along with gross, tare, and all
net weights which must be
affixed by the reckoner. Once
approx 15' trucks weighed.
0845 Depart Marcus Marsh.
0900 Litter: gravity - manual weighing
b. load weighted scales no
prob lens - observed steep that
- according to reckoner some

3

3

31 July 37 Friday Cont.

x. Sims - sat truck drivers do not weigh in first thing in the morning because they know the weight of their truck. I asked the customers to have any truck delivery to the side weight in every morning.

August 1 1937

Monday

5

Winter-Prescott Hwy Rail (which has been postponed) projected Freezer - 1/4. Three Hour Temp 95°-100° New Hwy ends at 110°. 30% off road dimensions. This after rest or Tally.

0645
0700
0800
0900
0930
1000
1030
1100
1200
1245
1310
1315
1340
1415
1430
Cen on Seite
Bunkerton Scenario Departs
Personal 0/5 - ERCS-12, TOT-2, CIRCO
Planned week for Tally/Mall
Include: 1) Presage of Mahomes
Saw over Ranch saw or shop,
2) Presage as Pick over stream
Fridge.
3) Rep-Cap placement at Bass's Bar
4) Mine fence to Belvoir Inn
Still Roaster, neck 5.44 kg (kg)
Still Roaster, neck still delayed
Rock Fee Today has been Export
String to garage. 2 1/2 fine Decay.
2 loads of Mahomes Saw released
1 load ac Mahomes Saw released
Rock fee until
2 loads of Mahomes Saw released
1 load Mahomes Saw released
Toothless or side to pick up
osc dental dance at Keween
Terry Hesma? osc - a dance or side
2 loads of Mahomes Saw released
2 loads of Mahomes Saw released

6. 03 August 1987

1435	2 Boxes of Malinche Saw Delays
1500	2 Boxes of Malinche Saw Delays
1530	2 Boxes of Malinche Saw Delays
1600	2 Boxes of Malinche Saw Delays
1615	1 Box of Malinche Saw Delays
1645	Delivered Saw Delays
1645	1 Box of Malinche Saw Delays
1700	Clean Delays
1800	ASC Daner, 700 - Boxes, Hatch - Main Off - Store.

Mark Hoffman

04 August 1987

7. Westiez - Ht. House, Classy
Specified Rate cost - 95-100⁰⁰
Tang with 80% share of
Theftlosses.

0645	Clean ov - sete Plastered Seedy Delays
0700	Possible 05-Edas - 13, Tax - 2, Eds - 1 Walk To Day well include:
	1) Spently Malinche Saw one Box Saw or 5 Pcs.
	2) Spelley a 3 Rock over Anthex Pcs
	3) Lip-Lip Lacement at Laces 6 ⁰⁰
	4) Nose Piece 70.25 (not shown)
0800	ASC D. Daner off
0810	3 Boxes Malinche Saw Delays
0815	3 Boxes Pop-Lip Delays
0830	3 Boxes a 3 Rock Delays
0900	2 Boxes Malinche Saw Delays
0915	2 Boxes of Pop-Lip Delays
0930	3 Boxes of a 3 Rock Delays
1000	2 Boxes of Malinche Saw Delays
1005	3 Boxes of Pop-Lip Delays
1010	4 Boxes of a 3 Rock Delays
1030	3 Boxes of a 3 Rock Delays
1035	3 Boxes of Pop-Lip Delays
1036	ASC D. Daner off see To go to A.L. Taylor store.
1045	2 Boxes Malinche Saw Delays
1050	3 Boxes of a 3 Rock Delays
1100	3 Boxes of Pop-Lip Delays

C.

9.
05 August 87

115	36003 at #3 Rock Delaware
1120	36005 at #3 Rock Delaware
1130	36003 at #3 Rock Delaware
1135	1 Cross at R/R/Rock Delaware
1145	3 Crosses at #3 Rock Delaware
1153	1 Cross at #3
1215	2 Loads at #3 - Pump down and water wagons
1310	* Crew break over lunch 1200 - 1330 9 loads #3
1330	2 loads R/R/Rock
1336	1 load #3 sand
1337	2 loads at #3
1430	1 Cross at R/R/Rock Delaware
1435	1 Cross at #3 Rock Delaware
1440	3 Crosses at #3 Rock Delaware
1445	1 Cross at #3 Rock Delaware
1450	1 Cross at #3 Rock Delaware
1520	2 Crosses at #3 Rock Delaware
1525	1 Cross at #3 Rock Delaware
1530	6 Crosses at #3 Rock Delaware
1540	1 Cross at #3 Rock Delaware
1550	2 Crosses at Marguerite #300 Delaware
1600	2 Crosses at #3 Rock Delaware
1615	2 Crosses at R/R/Rock Delaware
1640	1 Cross at #3 Rock Delaware
1645	2 Crosses at R/R/Rock Delaware
1645	Deckhand Secuity off site
1645	Open Debris

0545	Crew on-site
0720	Deckhand Secuity departs pilbara 05-085-13, Tan 2, 0821
	Work for today will include:
	1) Recovery Marguerite Saws over River bank on site
	2) Screening as rock over reaches
	3) Rop-Rap placement at River edge
	4) Mine road to #3 Cross area area of Marguerite saws
	5) Load at #3 Mine #300 #300 Crosses at R/R/Rock Delaware
	6) Load #3 mine sand
	7) Work delivery
	8) Break on hours
	9) Work resumes
	1030 A Davis saw truck still going to start and site
	1145 Fire, #300 #300
	1150 Contact #300 #300 for saws - had sand to #3 take care of

M.W. Frost

10. 05 August to Wednesday AM.
 At 5:30 AM
 Barry Burns and wife - have
 left W.H. Morris, Maran
 + Harry Jones.
 1600 OSC returns from
 the Tay for Sifus
 Barry Burns and wife.
 Security arrives
 crew departs

Summary - Lip-rap at head 1500 and
 on waterline - river sand cover
 complete on slope except at
 each end where access roads to
 waterline remain. Fabric rather &
 may sand behind 1100 at across
 slope #3 stone approx 1/2 completed
 10/10 #19 sand

X. Jones

	Aug. 8	Aug. 9
Weather	clear ~ 75°	overcast - wind high 90°.
At. Sims	70°	70°
0700	dark recesses lagging manufered sand, fabric on top stone and slope. Placement of rip-rap at water line confirmed and should be gone by time of this check.	#3 stone supply has reported 8000 tons have been delivered. Date added has been checked to see if this is Appare approx. date on this slope has been covered with #3's - no sand though more are being used. New rip-rap planned are should be 10 ft. long. More personnel are on site: EECs - 10 #100 - 1 ' ston. 1'.
0730	Aggregate delivery to engine.	0730 Stone breaker onto receiving summers report appears satisfactory with regards and visibility about the tankhouse or also the piping especially of fabric being placed and of fabric headings produced. Lans. fabric along damage gate to the wall (already damaged)
0900	Breaker	Work resumes
1030	Stone and breaker, OSC	Security arrives
1630	Crew departs	R. J. Jones

12.

Aug 07

Tuesday

Weather hazy & hot.

Lunch - fair hot humid 90°

At 5pm start

- 0700 Security departs - work resumes 0645
 Playing rip-rap at washline -
 expect to have the camp back to day - moments at best. Concrete
 lagging may sand & silt on #3
 road stone on slope - this
 appears 50% complete. Rip-rap
 covering 16-20" deep and 5' high
 will begin when washlines #3
 finished - possibly Monday latest.
 Aggregate delivery times - #3
 stone, roundabout sand, & rip-rap.
 0930 450 Dozer down
 1000 450 Dozer operational.
 1200 Break for lunch
 1230 Work resumes
 1400 Break for lunch

8 August 1987

Saturday

Wetlands - hot, humid, 102°

Dense foggy - 92°

(20% chance of thundershower)

Clear on-site

- 0700
 Woke up - 95°F. Started
 to cool off. 13°F. Temp
 drop to 90°F. 102°F. Weather
 at Waterfalls is cool here
 Lay away M.G. Sand, fastet,
 and a 3 Park on slope.
 Rip-Rap placement 16-20' down
 on slope. Begins

- Aggregate delivery times - #3
 stone, roundabout sand, & rip-rap.
 0930 450 Dozer down
 1000 450 Dozer operational.
 1200 Break for lunch
 1230 Work resumes
 1400 Break for lunch

13.

Sunday

Wetlands - hot, humid, 102°

Dense foggy - 92°

(20% chance of thundershower)

Clear on-site

- 0700
 Woke up - 95°F. Started
 to cool off. 13°F. Temp
 drop to 90°F. 102°F. Weather
 at Waterfalls is cool here
 Lay away M.G. Sand, fastet,
 and a 3 Park on slope.
 Rip-Rap placement 16-20' down
 on slope. Begins

- 0730 Aggregate delivery times - #3
 stone, roundabout sand, & rip-rap.
 0930 450 Dozer down
 1000 450 Dozer operational.
 1200 Break for lunch
 1230 Work resumes
 1400 Break for lunch

- 1100 Aggregate delivery times - #3
 1130 Aggregate delivery times - #3
 1145 Clear off-site for weekend
 1200 Return to work at 0700 hours

08/10/87.

M.W. Henn

14. 16 August 1987 Morris

Weather: Hot, humid with
Heat Index 21 off
30's. Thermometers - 20% Change
Cloud Sky.

0645 Clear overcast
0700 Periodic Scenery Departs
Jellicoe 05 - Eels - 13 TOT - 1. 020-0
Work for very well rounded
1) Slips on top-hill at Warrakee
2) Slips & Glaciers in small
areas on West Face on site
that area was used for
Rock Quarry Quarry
3) continue along on cliff face,
face, the \approx 100' high.
4) Large placement on top of
 \approx 100' on side
Avalanche Churn begins to
Car 9177 N.C. 20' above, many
75-100' diameter walls still
are photographed

0800 Open basins for brief
Clear basins most
1230 Avalanche Detour F. visited for
today.
1645 Periodic Scenery on - Side
Clear Sides

N.E. Avalanche Detour lowest
at \approx 20' above Bedrock
Soils.

Mark A. French

11 August 1987

Troy

Weather: Hot, Sunlit less humid
Heat Index - 85°
10% chance of thunderstorms
Clear sky.

0615	Clear air - Scene					
0700	Parketed Security Departs Jellicoe 05 - Eels - 13 TOT - 1. 020-0 Work for today to include: 1) Slips on top-hill on West - e 2) Slips & Glaciers at small sites on West side of slope 3) Continue between on Mill-Sites Tables and \approx 100' on side 4) Rock placement on top of \approx 3' Rock "slope" - 23' Roastone: R.R. - Mt. St. Sado Troy. Black Hawina - TOT					
0730	0830	0900	1000	1230	1330	1340
	Clear Saw Barn Spans were Slips Area on west end or side In preparation for future placement		Clear Saw Barn Spans were Slips Area on west end or side In preparation for future placement		CAT tracks 215 not in use at this moment	
					CHEW Blanks. Full lunch Clear Basins most, cut 25' or greater 05C-Dent A - Javelle Coal Yards Gloss cut At Valley as base \approx 3' rock Delays ends for today.	

15.

16.

1600 Asperior Delivery finished
Fare to 100% Slight increase
Proctor Survey on-site
Crew departs RT 100%

Walter H. Hines

	12 August 1957	Wednesday	17.
0645	Weather-Hot. Snow/High Temp-70° 10% Change at Thermometers Clear on-site		
0700	Walter H. Hines - RT Percentage Delivers SITE Personnel 0/5 - EAS-13, TOT-1, EPS-0 Wack Fee Total Well Below: 1) Slope or Rep-LP on Northeast A 20% gradient 2) Small slopes exist on West side To Be Considered Maintenance Savo and Finger Lakes Dams 3) Pipe/Bell placement on top of es back or slope at 10% angle 4) Slopes are greater than five feet Sectinal frenet/ access road To Banks Edge. Atmosphere Delivery below: M.G. Savo Any Rep-LP - RT as State Delivery Today.		
0800	Case No. 92-450 N.Y. Bens utilized 100% RT Profit.		
0830	Pete Regester at EPA StoneBrooke Twin Falls and will start road at finger lakes area and SITE Plan Review Review.		
0930	Twin Falls area assessed to no site Vice. Twin Falls - On-site Clear Breaks for lunch		
1000			
1200			

September 19, 1987

Wentee - Cloudy, Rainy, went to
Heat Temp at 8:20 AM 9
50% chance of rainstorms
Cloudy over-set
Mach A. Brown - RT. on-set
Pineketa Secway Departs
Personnel on-set: ECAC-3

0645
0700

Tar-1

ECAC-0

0800
0830
0900 - RTD Delivery finished
Personnel Secway Resumes on-set
Cloud Breaks for weekend
went back to Resume on 09/21/87
at 0900 Hours

1130
1145
1200

0200
RTD - RTD Delivery Resumes
Week Resumes now due to incase the
construction of RTD placed
one & 3 stake at 150ft min.
approximately 90% complete
Cloud Breaks for lunch

1230
1630
1645
1700

Week Resumes
RTD Delivery finished for
TODAY.
Personnel Secway on-set
Cloud Departs from sete

M. C. Hausey

September 21, 1987

Wentee - Partly Sunny, went to
Heat Temp at 4:46 AM 10% chance of
rainstorms
Cloudy over-set
Mach A. Hausey - RT on-set
Pineketa Secway Departs
Personnel on-set: ECAC-3

Tar-1

ECAC-0

0645
0700

0800
0830
0900 - RTD Delivery Resumes
Personnel Secway Resumes on-set
Cloud Breaks for weekend
went back to Resume on 09/21/87
at 0900 Hours

1130
1145
1200

RTD - RTD Delivery Resumes
Week Resumes now due to incase the
construction of RTD placed
one & 3 stake at 150ft min.
approximately 90% complete
Cloud Breaks for lunch

1230
1630
1645
1700

Week Resumes
RTD Delivery finished for
TODAY.
Personnel Secway on-set
Cloud Departs from sete

M. C. Hausey

52 September 19, 1987

Weather - Cloudy, hazy, worth a
High Temp at 82°, 210°
50% chance of thunderstorms
Clear on-set
Check A. House - TOT on-set
Federal Security Deposits
Personnel on-set: EACS-3
TOT-1

0800
1130
1145
1200

EPA-O
Rep - Rep Delivery Records
Rep - Rep Belated Visited Fire Tax
Federal Security Deposits on-set
Clear Business for weekend
Watt West to Deane on 09/21/87
or 300 things

1145
1200

Mark H. Hause
Mark H. Hause

53 September 21, 1987

Weather - Partly Sunny, worth a
High Temp at 82°, 210°
50% chance of thunderstorms
Clear on-set
Check A. House - TOT on-set
Federal Security Deposits
Personnel on-set: EACS-3
TOT-1

1145
1200

EPA-O
Rep - Rep Delivery Records
Watt file today when I called the
contingent of Rep-HD Discrepancy
over & 3 state oil 5 type non
approximately 90% complete
clear Breaks file lunch
1200
Watt Resumes
1230
Replies Delivery Requests file
1300
Federal Security on-set
Clear Objects from State

Mark H. Hause
Mark H. Hause

54. September 22, 1957

Weather - Sunny / west Heat
Temp at 67°F (cool) went
just a chance at 77 degrees
Cloud over-size

1645 Mock A. Housing - 75°-on/size
Debtors' Secretary: Debts
Personal on-site: Excs-3
Tat!
Els-2

Expect arrival at 05c Dance
1645 Pop-Pop Delivery Beers
Cloudy
Cloud Beers 50 cent
1200 Wash beams
1230 osc. Dance on-size
1245 Pop-Pop Delivery Furniture size
1230 Personal, Secretary on-site
1645 Personal Secretary on-site
Cloud Delvers size

September 23, 1957

55.

Weather - Sunny, heat Temp
65° in went to 10% chance
of thunderstorms
Cloud over-size
0645 Pop-Pop A. Housing - Tat on-size
1645 Personal Secretary: Debts
Personal on-site: Excs-3
Tat!
Els-2

Pop-Pop Delivery Beers
0700 osc. Dance and Tina House
Worker: Gato
Cloud Beers fire house
1230 Wood Beams fire house
05c Dance 5000 The 750
Tat! pop 50 10 1000 750
Concert next Tropic.
Pop-Pop Delivery Furniture size
1630 Personal Secretary on-site
Cloud Delvers size

W.M. Herring

W.M. Herring

18.

12 August 1937

Work Resumes on site
Tarm Husna 5000 hrs
of Broken Placerment on site
Penderior Seaway on-site
Agriculature Delivery finished for
Today
Clear off-site

19.

13 August 1937

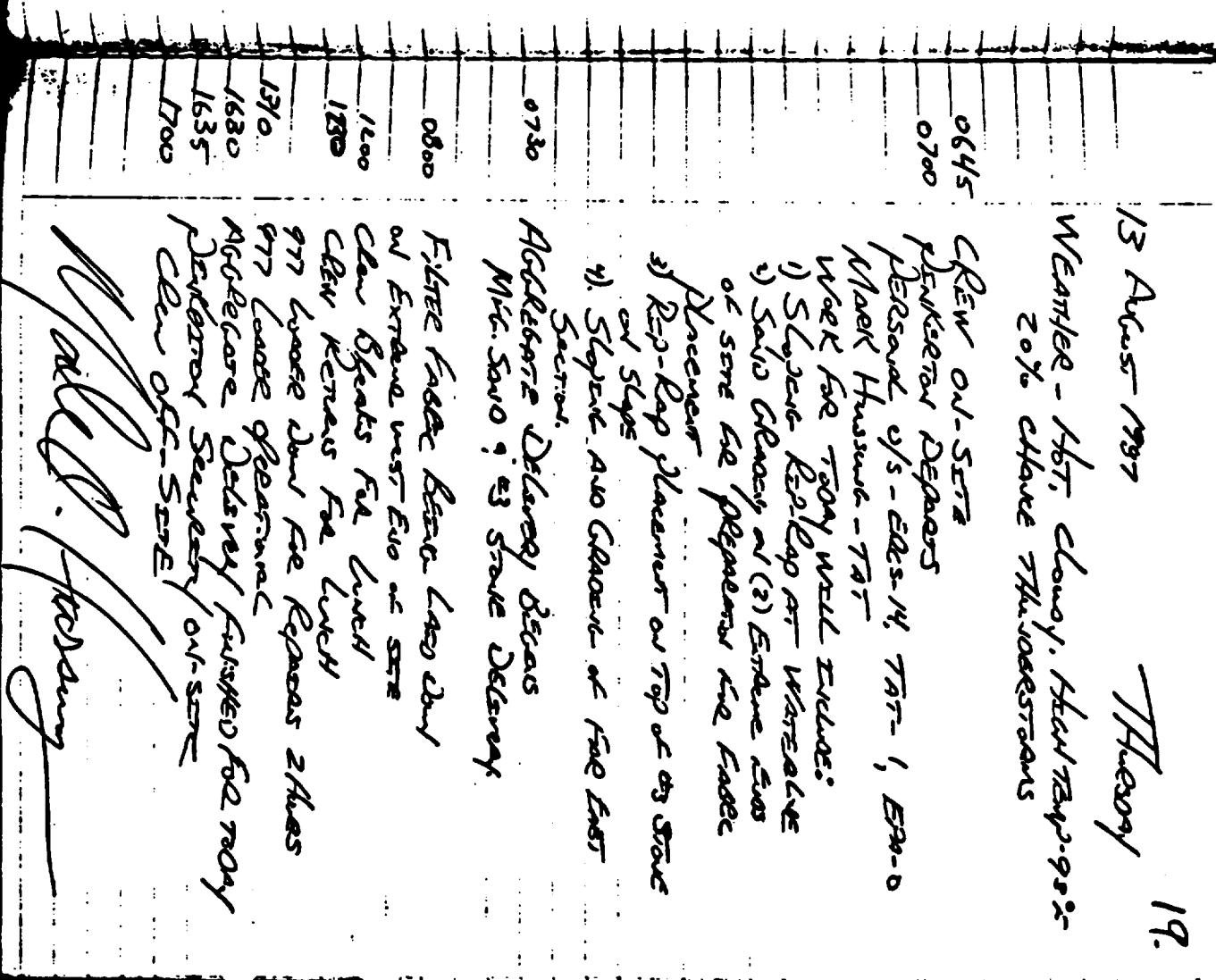
Theory

Weather - Hot, cloudy. Heavy rain 9:00-
20% chance thunderstorms

0645
Clear on-site
Plasterer Departs
Personnel off-site - 11:45 AM
Mark Husna - Tat
work for today will include:
1) Sloping Rep-Rap at Waterline
2) Saw Glass and (2) Extreme ends
of some 6' planks for easier
placement
of Rep-Rap placement on top of on site
and slopes

0730
Agriculture Delivery begins
Mr. Sano: 43 stone delivery

0800
First stone placed last day
at Extreme west end on site
Clear off-site for lunch
Clear Husna for lunch
0930
077
Laser operation
Agriculture Delivery finished for today
Penderior Seaway on-site
Clear off-site



20. 14 August 1987

Friday

Wentee - Hot, Hazy, Heat Temp = 90°
30% chance thunderstorms

0645	Clew on-size Pebbleton Secrecy Clippings Personal 0/5 - Ecs - 13, Ton, 1,000	0645 0720
Work for Tandy well include:		
1) Slope - Rip Rap or Mortarite at 50% complete	1) Slope Rip Rap or Mortarite at 50% complete	
2) Filter placement or concrete West side of site	2) Filter placement or concrete West side of site	
3) River sand: Min Sand placement at Extreme East End of slope	3) River sand placement at Extreme East End of slope	
4) Rip-Rap placement or Top of Stone on slope	4) Rip-Rap placement or Top of Stone on slope	
5) #3 stone on slope are faced	5) #3 stone on slope are faced	
0720	Aggregate Delivery Begins Mc. Sano: Rip-Rap Clean Blasts for liner Open Pores west.	0730
1200	Rip Rap and Lumber on site To set up 917 Loker fee	
1300	To Ripper to ripper Aggregate Delivery Finish fee	
1630	Pebbleton Secrecy personal Clew on-size	
1645	Tony's delivery finished fee	
1700		

21.

15 August 1987

Saturday

Wentee - Hot, Hazy, Heat Temp = 93°
20% chance thunderstorms

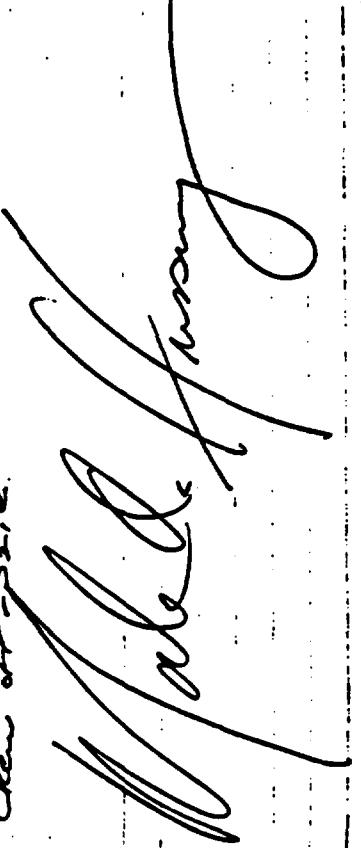
0645	Clew on-size Pebbleton Secrecy Clippings Personal 0/5 - Ecs - 11, Ton, 1,000	0645 0720
Work for Tandy well include:		
1) Slope Rip Rap or Mortarite at 60% complete	1) Slope Rip Rap or Mortarite at 60% complete	
2) Filter Filter Placement or Extreme West side of site	2) Filter Filter Placement or Extreme West side of site	
3) Min Sand placement or East Side of site or slope	3) Min Sand placement or East Side of site or slope	
4) Rip-Rap placement or Top of stone on slope at 25% complete	4) Rip-Rap placement or Top of stone on slope at 25% complete	
5) #3 stone on slope are faced	5) #3 stone on slope are faced	
0730	Aggregate Delivery Begins: #3 Rock, Min Sand, Rip Rap Min (East) 917 ton loker Demolishes from site at 09/1/87 at 1700 hours.	
	Truck Dumper (any time)	
	Plan stone at 09/1/87 or 1700 hours.	
	Aggregate Delivery finished fee	
	Pebbleton Secrecy ar-size (Rens Ripper rock needed use my Ram or 09/1/87 another	

M.C. Hausey

M.C. Hausey

22 17 August 1987 Monday
 Weather - Hot, partly cloudy, about
 Temp - 33°, Humid.
 50% chance of thunderstorms
 Elevations and - sizes
 Ecs - 1, Tst - 1, Gs - 0
 0700 Work hours - 7:00
 Work for today will include:
 1) Sloping Rock top at Waterville
 ~ 80 ft. complete
 2) Mit Saw placement and
 Entering West side of slope
 And fascic fence placement
 3) Rock ave fascic at
 Slope and Entering East
 Side
 4) Rock-top placement on top
 of 83 stone on slope.
 Accurate Delivery Boxes:
 #3 storage Del End, Mit Saw
 Clean places for lunch
 Work Resumes
 * More 2:15 Rock Ave not in
 of duration 2 day
 of work delayed due to Rain.
 Accurate Delivery Boxes for today.
 Due to last week Rain week is
 finished for today. Clean Decks.
 Back to Second Deck

13 August 1987 Tuesday 23
 Weather - hot, cloudy, heat temp 22°
 80% chance of thunderstorms
 Elevations and - sizes
 Ecs - 1, Tst - 1, Gs - 0
 Work hours - 7:00
 Work for today will include:
 1) Mit Saw placement
 are Mit. Saw on West side
 of slope
 2) 8:3 Rock over fascic on slope
 on both East and West end
 3) Rocktop placement on top of
 8:3 stone or slope.
 Accurate Delivery Boxes:
 83 stone are broken out
 Trashed. Shaded area has been
 Compacted covered with grass
 Clean places for lunch
 Work Resumes
 Accurate Delivery Boxes for
 today
 Denkard Sawmill SAW
 clean off - size


 Mark A. Herring

24.

19 August 1987

Wednesday

- Weather - 10°, Clear sky, Hottest
Temp: 89°, 10% chance of
Thunderstorms.
- Removal on-site
- ERCS-12, m.m. 1, E.D. 0
- Mark A. Hanson - TAT
- Wick fire today will continue
- 1) Finish the lower segment
 - 2) Cut fire line or slope or
- Marshall-like pattern
- 3) Continue Rapp placement
 - 4) one #3 stone on slope
 - 5) Clear ledges or deep corner
 - 6) Rapp or slope and two #3 placement
- Preparation for Tex Sat placement
- Acknowledgment: D. Nease, D. Nease:
- #3 stone, Rapp only.
- Bad action of Hatch Windows from
- Site Review to sites by Hoisted
- Vehicle Stone Bed.
- Tim Gandy of Hatch Windows flew
- Site to review to evaluate of
- the transposition
- A few days back no trailer seems
- or site to park his case 450C
- Hollow track for demo to
- Newport. Hoping
- CNC. Only think different for Marshall,
- To Newport soon

19 August 1987

Wednesday 25.

1200
1300
14001630
1700

- Clear Plants for lunch
- Work Resumes
- Rockware Delivery at #3 Reservoir
- 25 stepped toe tray - no more than 48 since
- is progress on the slope, all
- F-trees intact has been completely
- covered.
- Mark D. Nease and Rapp on-site
- To prepare a clearing 300 ft
- wide site in hilly industry
- & dams. Expected to renew
- corner today to less than one
- Rockware Security on-site
- Person off-site

26. 20 August 1987 Thursday

Weather: Hot, Clear Sky, Heat
Temp = 93°F, 10% chance of
Thunderstorms

- Dealership on-site
EDS - 10' TWT, EDS - 0
Wreck H. Herring - TST
Work for Tool Incomes:
1) FISH P.D.P. Signs
at Wrecksite
2) Continue Road Sign Placement
over #3 Slope or
existing Area
3) A.R.D. To Be Considered
Went Top Soil and gravel.
Aggregate Delivered
R.D. has no top-soil.
ASC Hauled out of my BE or
Site II, Matheas.

Keith Kessell with Abas-Liasco
on-site

Clean flickr's for lunch

Work Kessell

Comments that he is pleased

went the week that Bear
Dove Air Notes that Sore

Progressor Materials very
fascinated to

Aggregate delivered
recently

clean off-site.

Will Hunt

27. 21 August 1987 Friday

Weather: Hot, Cloudy; Heat
Temp = 90°F, 20% chance of
Thunderstorms

- 0645 Personal off-site
EECS - 10', TWT - 1, EDS - 0
Mark Herring - TAT
SITG Sunray:
- Drip irrigation at Yuccacone
 - 2s 100% complete. (P.D.P.)
 - 2s Continue to DE places
of slope (one as stone.
Topsoil break places on
Bermuda or grass.
 - future days - Drip irrigation
to be placed on D.E. to
be used with D.P.P.
 - 0730 Aggregate delivery
R.D. has top soil.
 - 0845 STATE Aggregate Delivery
off-site. All Buses taken
out until Tom is done? Abnormal
day again. MR. Bruce commented
that he was extremely pleased
with the state of things so
the slope contractor. He said
soo the word "Ponder" for
Apple 2 weight
 - 0930 Mr. Bruce Buses taken from site
clean Buses for lunch
 - 1000 Work Herring
 - 1230 OSC Plantation Capital and its interests
that the appearance out to done
 - 1630 1655 1700

g. 21 August 1987 Friday
Fee Sette 25 1.4 Million
\$1300,000 and plans 50% City
or 1.7 Millions
Achieve Delays F. J. 3000 feet
Gentil Lewis with Holt Miller
Contract Director or - Jefferson
County out-side.
Holt Miller out-side
Clean Debris

22 August 1987 Saturday 29.
Westlee-Hot cloudy heat tops 93°
30% chance at 1pm
Clear 0-5%
0645
0700
0730
0845
0900
1030
1130
1200
Today: Lewis with Holt Miller
Contract Director or - Jefferson
County out-side.
Holt Miller out-side
Clean Debris

M. M. H. Friday

M. M. H. Friday

10. 24 August 1987 Monterey
Weather: clear, mild high near 80°

31. 25 August 1987 Tuesday
Weather: cloudy chance of rain or 70°

7:00 Crew on site
ECCS - 9 TAT-1 ERA-0
Chris Powell is TAT on site
Site Surveyor?
1) Rip Rap continues to be laid down
2) Top soil continues to be laid down

17:30 Aggregate Delivery Begins
Rip Rap and Top Soil

18:00 TAT Powell placed one tonne to set up and secured
area - She will get additional TAT

18:00 Ted Hobley calls back to Spole with N. Moraw said
to pay some workers full per diem to cover
all costs of hotel's don't split per diem up among
all workers

18:20 Refueling & preparing dozers

18:35 TATM Powell left site
17:00 Workers left site
17:30 Hobley N. Moraw leaves site

Christie & friends

33.

2. 26 August 1987
Lori's home

weather: sunny, warm,
high mid 80s

27 August 1987

weather: cloudy, warm to
70s cloudy at 10am

water: cloudy, warm to
70s cloudy at 10am

Lori's home
Crew on site

110 Crew on site
ECS, gr. TPA-1 EPA-1
First loads arrive on site.

Site Summary
R-Rag 40% done
Top Soil 85% done
Work will be done on ditch today. It will be
finished.

MT Powell noted ABC Prime about charging Truck #10
Fuel lot from 30 mg rate to 20 day rate. She
said it Ed Hether told Hether it okay do it.

115 MT Powell left site to send R-Rag and prime
car to car wash off site.

120 MT Powell returned to site.
Packed truck on site to refuel the tank
TAT and took photos of area where drain under
road is being fixed.

125 MT Powell left site
Workers begin regrading and cleaning up equipment
for tomorrow

130 TAT and ECS leave site
Parker on site

135 - Chipping a bush

130 ECS - 9 TAT-1 EPA-0
First truck arrives on site
Delivery of top soil on R-Rag
Workers break gun / sand

140 1535 Last delivery of Top S. /
60:0 Last load of R-Rag
Parker on site
ECS & TAT leave site

140 Chipping a bush

140

145

155

155

165

170

175

180

185

190

195

200

34. August 29, 1967 weather: cloudy 40% chance of rain
high over 90
1700 Crew on site
ERCS - 9 TAT-1 EPN-10
Site Survey
Top Soil should be stripped by the
end of Saturday
R-Map is at approx. 52-70
First truck arrives on site
P. Morris, Hirsch, informed Matt Zencovich that no
dirt will be brought in today due to rain.
3 ERCS left site for day due to no dirt
to move
105
The hand phased J. Gilbert, the will advance and
placed Matt Zencovich in area 6c.
At 1330
115 - 1600 1700 PM all phased Matt Zencovich 19 P.C.
Zencovich contacted the state dist for
site. Correction was needed because software
could not handle negative correction that was
needed. Hence Zencovich changed the number
manually by 0500.
picked up site
1700

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picked up site
1700

35. Saturday
August 29, 1967
Weather - Cloudy, High Temp 88°F
30% chance of rain!
0845 Clean out - some
ERCS - 9 TAT-1 EPN-10
Mark Thessner - T-10
Site Survey
1) Reg-Ripper placement on site
Apex. 50% complete
2) Top 50% Placement over
lengthwise or side of Reg-Ripper
3) Aggregate delivery becomes: Reg-Ripper
@ T-10 Soil
0930
Ripper with flat backhoe calls
T-10 Soi. Delivery went to the
top of the hill today due to
heavy soil to too hot to
work there
Top 50% Delivery Site
0930 4 ERCS continue off-site for
work
1145 Deliveries Suspend
1200 Clean out - some rain weekend

37.

36 - August 31, 1970 Weather. Clear bright sun 80°

- 0700 TAT found on site
Crew on site
ERCS - 6, TAT-1, FTAO
- 0715 R-logs begin arriving
TAT test site
Pikham here. Facs less since

~~bridge~~ a board

- 0720 TAT on site - C. Powell
R-logs begins being delivered
0740 Tel S. I. begins arriving
OSC Power called to advise calling an additional
100,000 dollars
- 0745 Gally trailer was taken off site. Crash
back to Atlanta.
- 1330 Ed Heller, ECA, on site.
1450 J. Roberts, EMC, on site.
1515 Ed Heller off site. Return going to Valley.
1540 Ashcroft off site.
- 1610 TAT Powell phoned M. Greenwich at (401) 321-6740. He
was in a meeting so a message was left.
Paken - on site
- 1700 TAT, ERCS test site
straight & broad

September 1, 1970 Weather sunny, pleasant
H. m. 80°

37.

September 1, 1970 Weather sunny, pleasant
H. m. 80°

38.

September 2, 1967
weather: sunny high 60's
Lee Lane Site

0700 TAR, tiles on site
Crew on site
ECCS - 6 TAT-1, EHA-0
Site Summary
1) Rip-Rap placement on slope approximately
15% incl.
2) Top Soil placement not completed 95% done
First load delivery - additional drivers had
ticket's for materials was needed.

0720 Start delivery has started
1200 trees off site except for P.M. now
1755 TAT Powell last site; Monroe
still here and pinkie -
chopped a bush

39-

September 3, 1967
weather: sunny high ~
low 65°

0700 TAR ECSS on site
Crew on site
Delivery begins
Crew on site
ECCS - 6 TAT-1 EHA-0
Site Summary
1) Top soil
2) Rip Rap Placement Stone Done - stand off
520.22 tons of shale were delivered
yesterday. 580.42 top soil cost \$77.87 per cu
yds.
0750 P.M. Hopper on site
1200 C.Hopper leaving site. Key west park.
1555 one J. Pittman covering today
ECCS left site for weekend
1645 P.M. Pittman on site
Tat off site - all trees for holding and
digging at time

10. September 8, 1987

Wentee - Hot, Sunny, Heat Temp
= 85°, 30% chance of
Thunderstorms.
Clear dry-snow
Wind blowing - WNW 05
Prev Keweenaw Departs
Pellmar 05 - 50cs. 4
TTH - 1

EPA-0

Work set today will include:
1) Pile-line placement area at Stake
and Stake approximately 50% complete
2) Topsoil placement of
remained or set-up approximately
95% complete.
Topsoil delivery Decans
today Decans had truck
Clear blues had truck
Begaling to back clear blues for

720
830
200
630

Placed 1 Scowful at -size
from theory Departs early

Mark A. Hinsley

1120
1200
1230
1330
1530
1630

Hot until 9:00 am to 10:00 am
Pellmar Set to Atlanta Cq.
Clear Blues 62 truck

September 9, 1987

Wentee - Hot, Sunny, Heat Temp
= 89°, 20% chance of rain/
Clear dry-Snow
Wind N.E. Hissing that on-sets
prevailed, Second Departs
Pellmar 05 - 50cs. 4
TTH - 1

EPA-0

A hot and humid morning started
Aches or some word a long way
To Decking Historical Equipment
9:55 loaded for Demolition
Atlanta, Georgia
10:30 Set Delays Decans
10:45 Delay Decans
10:45 Tom Howard and Jim Mason
(Robert) walk Stake to Eissor
to locate hot spot in T1
Accompany road signs plan
one handled.

0730
0800
0815

For spots determined, located,
4:15 checked. Spots are no
be covered until T2 Saal

A track off (4) No plans made
Lynn and Lanes

Hot until 9:00 am to 10:00 am
Pellmar Set to Atlanta Cq.

Clear Blues 62 truck

Mark Hinsley

05 4:30 a.m. Danee on-site
8:30 morning Danee/Hansen on-site

Beach/ Keweenaw Division

41.

42

1640 Top Spur and Red-Rap Delivery
Company has today and today
1655 (and) road paved and today
oil sale to place - 49 215 Tons
for DE-MOB TS Mich G.M. & V.
Clear off - state fee only

Mark H. Johnson

September 10, 1987

43:

Weather - Hot. Sun 91°. High 73°
= 91° F. 10% chance of rain
Clear oil set
Mark A. Johnson. Tax oil some
Pittsburg Sectional Jeffers
Personals 03- Gas - 4
Tat -
Tat -
EPA /

EPA OSC Does and Donee of
Agreement Delays of Beccas
1) Top 50% of Ethanol
Wash (be 70% / 30% ethanol:
2) Coverage of
Top 50% over Stark Hole
Area was closed for phase
Dioxide.

a) R.P. Roy pleasant over 43 state
work
b) Approximately 50% complete
Clear Beccas Lee lunch
work Personals
13/0
OSC James Discussed waste and
gas station will installation for
Lee's tank set west Ty Mallow
State Rep MR. Beccy Biars
Under one mile contaminated - 145
745 STATE LODGE THE ROAD GOOD
STATE REP MR. Beccy Biars
OFF. STATE

After Roboro. Delays finished for
today.

111 Delays off some
Pittsburg Sectional person off some

170°

170°

44. SEPTEMBER 11, 1957

SEPTEMBER 12, 1957

45.

WINTER - Presently Roanoke
Snowy rock work 25%
Delayed. Slight closer to
Pretty Sunburst Heat at
67° (Temp.)

OSC 0645
0700
Climb on-sene
Mack O. Hansen TAT on-sene
Pilkerton Secrecy Depots
Personnel O/S - Execs. 4
Personnel O/S - Execs. 4
TOT - 1
EPA - 1

0730 Aggregate Delivery Boxes
Rep-Rep only!
Work set to Simmey:
1) Top 50% Roanoke on-sene
and over back hill road
is 100% combed
2) Black and Gray on
back hill side rock
Continue top
3) Rep-Rep Roanoke one as
stone or slope courses.
OSC does on Danee on-sene

0730 0800
0900 1130 1145 1200
Rep-Rep Delivery Boxes
Bentonite to Red Lippy on
Roanoke rock continues.
Rep-Rep Delivery Boxes
Pilkerton Secrecy on-sene
climbing on-sene Pilkerton
Work will Roanoke on 09/11/57
at 0700 hours.

John W. Johnson

115 CIC Does all Darker off-sene
To return to Atlanta, Ga.
Clear Boxes for Lucy,
work resumes
120 : Aggregate Delivery Inspector
TAT:
Protected Survey Notes
Clear out - September 11, 1957

46. September 14, 1987

Weather- Sunny, Clear, Wind
Haze, Visibility at 575'
Cloud on. size

0645

0700

0730

0745

0800

0830

0845

0900

0930

0945

1000

1030

1045

1100

1130

1145

1200

1230

1300

1330

1400

1430

1500

1530

1600

1630

1700

Check A. Hause - TAT on-site
Pekinor Society Deposits
Personal on-site - ECIS-4
Total - 1
Funds - 0

Re-Re Delivery Beams
Work Summary:

- 1) Top Soi.C 100% complete
One set
- 2) Reg. Day Placement 18 tables
Deep on top of #3 570' e
IS Affair mostly 65% complete
Work fee today was excluded

- 3) Desiring and visiting TAT
Soi.C placement tall set
Office desks
- 4) RTD Day Placement Company
One set 23 570' e

- 5) Check Passengers
Topless Delivery Company fee
Today

- 6) Delivery on-site
Personal on-site

September 15, 1987

Weather Cloudy. Not very
A heat of 85° with a
30% chance of thunderstorms
Open on-site
Check A. Hause - TAT on-site
Pekinor Society Deposits
Personal on-site - ECIS-4
Total - 1
Funds - 0

Re-Re Delivery Beams
Work fee Total include:
1) Delivery 50.C on
meal store 265
2) RTD of Delivery one set total
check books for lunch
Work Resumes
RTD Delivery to collect fee
Total
Personal Delivery A 265
Other Deposits same

Check Passengers
Topless Delivery Company fee
Today

1200

1230

1300

1330

1400

1430

1500

1530

1600

1630

1700

Delivery on-site
Personal on-site

Mark A. Hause

Check Passengers
Topless Delivery Company fee
Today

Delivery on-site
Personal on-site

Mark A. Hause

48. September 16, 1987

Weather - Cloudy, Hot, with
Heat Temperature at 86° and
A 70% chance of thunderstorms.
Clear on-site
Work A. Passing - TAT
Director Seaway Divers
Personal on-site - CWS-4
TAT-1
EPA-O

0730 Box 2 Diver Delivers
work for Town Public Works.
1) Diver's placement once
stove
(CWC) places Bob Lewis Divers
Site for Dennis to Newport
Site in Kentucky.
450 C Diver Not in use today.

Clear Blocks 502 : lunch
work resumes
0800 Bevans & TAT Diver on-site
Box 2 Diver Delivers Dennis
Clear Divers from Site

Mark H. Young

0830 Box 2 Diver Delivers
work for Town Public Works.
1) Diver's placement once
stove
(CWC) places Bob Lewis Divers
Site for Dennis to Newport
Site in Kentucky.
450 C Diver Not in use today.

0930 Box 2 Diver Delivers 40 ft
total on-site
State-Barge Buses and Alex Bassett

0930 TAT M. Hanes w/ Hazzard: Dan
Mullen, EPA, and State officials
Walker Site. Officials commented
that site looks good and were
very pleased.

49. September 17, 1987

Weather - Partly cloudy Hot, with
A 50% chance of thunderstorms
Clear on-site
TAT-1
EPA-O

0645 CREW ON-SITE
RECENTLY RAFFLED
Jack A. Hussie - TAT
Dunkle, Security Divers
Deliver on-site - EAS-3
TAT-1
EPA-O

0700 Box 2 Diver Delivers
work for Town Public Works.
1) Diver's placement once
stove
(CWC) places Bob Lewis Divers
Site for Dennis to Newport
Site in Kentucky.
450 C Diver Not in use today.

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(CWC) places Bob Lewis Divers
Site for Dennis to Newport
Site in Kentucky.
450 C Diver Not in use today.

0930 TAT M. Hanes w/ Hazzard: Dan
Mullen, EPA, and State officials
Walker Site. Officials commented
that site looks good and were
very pleased.

50:

September 17, 1967
Clean Sheets for Lunch
work Reasons
LPS Standard and Total off site
Store officials Beers and Beer orders
P.M. Delaney furnished L.A. 304.
Personal Street Delivery
Clean Sheets home.

September 18, 1967

51.

Went to work change. Met, Head
Temperature of 86° and a
20% chance of thunderstorms
After on-site
Meet A. Head - TTT
Devised Security Measures
Personnel on-site - EACS-3
TOT-1
EPA-O

Pop-top Delaney becomes
work bag "on" have "inches".
() K2B2D2 Dremel are 43
Size of 5" x
(CMC) TACO-E - Thaddeus the Hunter
on-site to Rock 40 450 C
used Rock Dose to Demolition
To Rock, Louisville KY
Clear Baggs for "inches"
1200
1230
(CMC) Thaddeus "on" site
work 450 C "inches".
Pop-top Delaney first to hang
stacion, second on-site
Clean Sheets home.

M. A. H. Hausey

W. A. H. Hausey

56. SEPTEMBER 24, 1987

WEATHER - Sunny Heat Temperature
at 83° = more 0% chance of Thunderstorms
Clouds on-site
Perimeter Security Depots
Personnel on-site: ERCS-3

0730	0730	Rip-Rap Delivery Debris
0745	0745	ERCS-3
0700	0700	Total 0
		ETA 1
		ETA-0
		ETA-1
		ETA-2
		ETA-3
1100	1100	Exc Danner Depots to Plaza
1200	1200	Tom Hussung on-site
1230	1230	Clean Blanks for lunch
(CNC) Laundry and Traveler on-site	(CNC) Laundry and Traveler on-site	with (2) pieces of Mustang (Mustang)
1) Case Backhoe	1) Case Backhoe	2) 450c Dozer
1300	1300	Machine will be used for rip-s.c.
1530	1530	(CNC) Laundry as planned off-site as Danner called as say)
1630	1630	Not to put the concrete slabs over Rip-Rap or slope 90°
1700	1700	Plates 3/4" thick (Plates 3/4") Rip-Rap placement on slope 90°
1745	1745	Rip-Rap placement on slope 90°
1830	1830	is 100% complete, but some Touch-ups (graves) will occur to backfill the 18' foot depth for a few spots.
1645	1645	Perimeter Security depots
1700	1700	Clean Depot site

M. J. Hussung

57.

SEPTEMBER 25, 1987

WEATHER - Sunny Heat Temperature
at 85° = more 0% chance of Thunderstorms
Clouds on-site
Perimeter Security Depots
Personnel on-site: ERCS-3

0730	0730	Rip-Rap Delivery Debris /
1200	1200	Clean Blanks for lunch
1630	1630	Wash Routines
(CNC) Laundry Art 20 Ton Laundry	(CNC) Laundry Art 20 Ton Laundry	Grill-SITE To Remove U-5 Weld
1630	1630	Rip-Rap Delivery is Finished
1730	1730	For Today 120 Lbs per hour
1745	1745	(Complete) See SITE SETZE.
1750	1750	ECS-3. Thermal - 3. Thermal on-site
		Perimeter on-site
		Most House-Tat off-site
		Clean Blanks for laundry
		work will resume in 0700/97
		or 0700 hours.

M. J. Hussung

58. SEPTEMBER 20, 1987

Westerla - Suny (heat temp) or
SWE (vert & 60% chance
of thundersnow)

0700 Mack A. Hause - TOT - at-size
Pleasant at-size - Ecs-1
TOT-1

Els-O

Tue Ecs at-size (Cmc)

1) Dugout Thaw

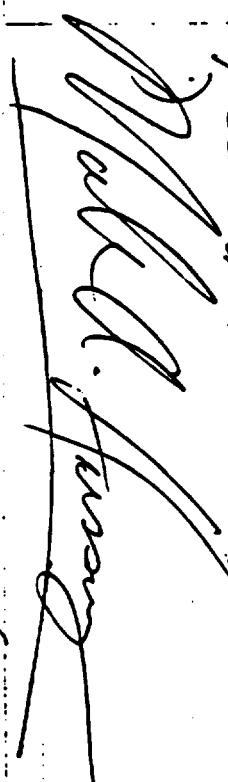
not present on job because
or heavy soil in family.
(cmc) Mack Hause and Eel Canyon
out-size

0830 TPD 50°C Dugout Beams
only needs 20 boxes to fill

1200 Draw pipes for trench
(cmc) 100 Boxes at-size to
dig up under as cleanup

1245 Top Soil Pleasant finished for
Troy

1645 Pleasant Street ~~at-size~~ at-size
1700 Mack Hause - 1st at-size
Pleasant out-size



SEPTEMBER 29, 1987

59.

Westerla - Cloud, Heat Temp or
SWE (vert 60% chance of thundersnow
Mack A. Hause - TOT - at-size
Pleasant at-size Ecs-3
TOT-1

Els-O

(cmc) Jimmy Shireen at-size
TO SEED TOT SOIC

(I.T. Corp) Vinal Structures Aw

Plasterer Pleasant at-size
To check out Mack has collector

System.

(cmc) Pleasant Pleasant
out-size

(Eldico) AL ODESE at-size

(cmc) Mike Mayhew/
Els-O, Pleasant Pleasant

(Hausen) Dan Hause and
Troy Pleasant Pleasant out-

size Pleasant Pleasant. and (1) gas well

1 Bus 375 lbs (R-6-6323
1 Bus 375 lbs

{ Pleasant Pleasant 600-500 ft p30
Gas well Pleasant system.

(cmc) Pleasant and 2nd Troy (cmc)
out-size to Pleasant W. ODESE.

Pleasant Pleasant work has
Temporarily stopped

Holy Jelmar to size

-A job done from three men
to size from Valley of Death (O.C. Taylor)

out-size

60.

Sept 29, 1927 (Cont)

1500 (CNC) E) Knotted, OSC off-size
 (CNC) Clp Cral, on-size
 400 (CNC) E) Knotted, off-size
 (CNC) Clp Cral, off-size
 1400 (CNC) Deny Thread, 3/32 Thread
 off-size

1500 Tom Hause off-size
 well has been delivered because
 of rain.

1645 (Khaber) Scent off-size
 (Khaber) D. Thread off-size

September 30, 1927

61.

Wearied - Clear, Hunt Temp w/
 75° went to 10% chance of rain
 Max A. Pressure - Tat on-size
 Perkeoian Sluary Defuses
 Present on-size 1000 cycles -
 Tat - 1 Epn-D

No (CNC) Spindles on-size
 because of rain, Tat 500
 Tan wet Tat Separated.
 Work will probably resume tomorrow.
 Forecast Pressure D. Moon
 well out to change size
 expect (CNC) Tat 500 cycles
 to pick up to 450 cycles.
 (CNC) Tat 500 cycles - 450 cycles
 (CNC) Tat 500 cycles - 450 cycles
 to vendee to Kickertown, Ky.

Equipment now on size:

- 1) (2) Deep Face Travers
 - 2) (1) 500c cap breaker
 - 3) (3) Dies
- Stone Rd. Bag Brees on-size
 It talked to (2) (1) 500c Mtn
 Collection Spent no walked size
 well Tom Hause. He commented
 that the size looks excellent.
 (CNC) Nobley off-size now 450 cycles
 Star Rd Bag Brees on-size
 Knotted Thread - Plans to vendee
 to Mann, on October at 120 hours.

62 Sept 30, 1937

Left Weller's Well for Sene Inclines:

- 1) Weller's has well installed
- 2) Top Soil Reserve
- 3) Monument placed and

placement

- 4) Top soil core installed or

1400

(CNC) Clay Chem. called top

utility blade to be packed

W.S. ready by 2:00 PM

1440

Plastered Sene has been

contested for 2/3 the time.

1605

Benny 10/1/37 at 1200 hours.

Plastered Sene o.r.-sene

Reserve ass-sette

M. A. H. Jaffray

OCTOBER 1, 1937

Wanted - Clear, Cool, Head (Top)
at 75°F with a 10% chance of
precipitation.

Clouds o.r.-sene

0645
0700

Mark A. Husman - Tat on-sene
Plastered Sene - Dunes
precip. o.r.-sene: EDS=2
TAT=1
EPA=0

Well for today will end:

- 1) Finish up top So.C work
- 2) By 10:00 AM Reseal
- 3) Install metal core post
in ground at flood wall

In Preparation for Harrell
at gate tomorrow.

- 4) Harrell's (Car Max) message
for Dennis to Atlanta (S.)
tonight in Harrell's parking
area.

Equipment on-site: (2) Dives from Harbor

- (1) So. core grace
- (1) Weller's top
- (1) New Reserve

(1) Easy Reader

1100 CNC W. Mosely o.r.-sene for Dennis
at Cape Deer Park to
Nashua, N.H.

1200 Crew leaves for Weller's/Plastered o.r.-sene
Weller's Reserve

* Note: same date as of above two sightings
but different times of day for these sightings

63.

65.

64. Oct 1, 1987
(cont) W. Maderly off-zone (Demas)
with cap - Disk

1700 Mass A. thorax - TAT - off-zone
(anc) Thorax - off-zone - Demas to
Anthony, G.S.
Purchased stone and 24-hour stones.

October 2, 1987

Wamblee - Clear, Cool, Heart Temp
of 73°F went + 5G into off-zone at
low. Heavy winds.
Clear on-size

Mark A. J. Jauris - TAT
Pineknot Secretary on-size
released on-size: Elas-1
TAT-1
Elas-0

Mark A. J. Jauris

3 People worth \$1000 each stay
on-size to first seven
at top Soil.
Week fee may well include:
1.) Reinstall houses back on
for \$10 (send hole deep) on
size
2.) Heavy metal gates and posts
which were installed and replaced
on clear wall

3.) Demos of sto case back of the
to right casrite, KJ only
Anzele Silesian (1) low
or Dept logs w/ a low area
At the S.C. Taylor zone.
0945 (cont) W. Maderly on-size to
help worth more installation
and fee. Demas at 530 case
back the

(cont) J. Jauris on-size to help
to help both to post
Plane a pocket with a all welcome
in town

6.

67

OCT 02, 1987
11/3) received with Shreve Food Supply off-size. Scenario is 100% complete.

1400

(mc) Jimmy Moore/Massey to A.L. Taylor off-size to prepare fire scenario at C) Leno & Rep. exp.

(mc) J. Saev.S off-size phone to Natchezville, Ky.

(mc) W. Motley off-size with SCS case Backlog in Leno to

A.L. Taylor score to scenario (1) less as Rep-Rap after Demos

To Natchezville, Ky.

1500 Meek. Henry off-size

Perkins, Secretary off-size

24 Fire Scenario.

(mc) Natchez Shreve off-size

with Shreve Shreve and

2nd (Lender to Perkins)

full worse than Shreve as worse
news for DEMOS to Natchezville,
Ky.

2005

(mc) Shreve off-size.

OCTOBER 5, 1987
0800 Tamm-Hesma - off-size
President Secretary off-size

24 The converge
Tamm-Hesma parked up EMS

converge complete and took no
Tamm-Hesma off-size.

1000

Tamm-Hesma off-size.

Mark C. Henry

OCTOBER 6, 1987 — OCTOBER 11, 1987
Perkins, Secretary off-size
24 Fire scenario.

Mark C. Henry

68. OCTOBER 12, 1987

- 0700 Perimeter Security off-site
(Hazzard's) Dan Meier on-site
0800 Train/Hazmat on-site
0930 (CNC) Rains less (Markusen) on-site
most Final Box Jump track abd
a 9-ton bony went case 580E
Bakelite ad more tank.
(Soil & More: ac. Environes Inc.)
3 personnel on-site for well
Drill. CNC: Equipment: 1) Drilling Rig
2) Saddle tank
3) Pump truck
a) Well
b) Excavator has to be de-canal
before drilling can start.
Perimeter Security on-site
(CNC) Jim Jensen & Casper, Dean
off-site to place doors in. 800 (Main)
Lead to site and to Revell
Lock Mechanism on floor general wall
core so that lat cariot at
current bolt cores
Equipment: Foro pick-up truck
T20.000/metric ton
Welder
Inches.
- 1200
- 1500 SME Drillers off-site for
today. Tom Hansen, Gardner Dean
(CNC) Jim Jensen, Casper, Dean
off-site.
Tom Hansen off-site.
D. Miller off-site.
Perimeter Security.

OCTOBER 13, 1987

69.

- 0800 Perimeter Security Departs
Personnel on-site
Wimmer-Cook, Jim, Hatch Tech
or 750F
Mike A. Hazzard - TAT
E20: OSC - Joss A. Janke - on-site
OSC - E20 Hazzard on-site
Hazard: D. Meier, Casper
T.M. Meier, Chuck McNease
Cyl-Site: Denby Thorne, Russ Meier
SME: Charles Johnson, Jack Drey,
Mike Dene on-site
- 0900 Wall for tank wall inclusive:
1) Bezel, Deltaplano walls or G-3,
G-2, and G-1. (Gas wells)
at end (G) vertical (2) wells
to be dug 1-shallow-15 feet
1 - deep-40 foot
10' 10' 10' 10'
6' 6' 6' 6'
6' 6' 6' 6'
6' 6' 6' 6'
6' 6' 6' 6'
6' 6' 6' 6'
-

OCTOBER 13, 1957
(SME)-3 specimens - Devil's Hole

5' tall wet gas well (G3).
(Hatched) L. Quartz - (Dense) Vitrified

Gas (Frosted) Molluscs to Monose
Well Glaciated. Denses.

(CNC) J. Jaeger's on-site to well
Metal Basses Above A.L. Taylor site

Wet wells

(CNC) Wet site below on-site - (Hatched)
Well supplies also see Transparency

of 530 Case back to Valley
(A.L. Taylor site) 5'0 Back to Lee's

Lake. (Valley rock - Dug out areas
Abund. wells, spec. P.M.P.G.).

Gas well "G-3" Shallow Deville

Description

0' Silty sand

5' Gas Reservoir - No Reservoir

15' Gas Reservoir - No Reservoir

Bottom (Hatched)

Well "G-3" (Shallow)

Reservoir

Bottom

Sand

10' sand

16' sand

Description

0' Silty sand

5' Gas Reservoir - No Reservoir

10' Gas Reservoir - No Reservoir

Bottom (Hatched)

Well "G-3" (Deep)

Reservoir

Bottom

Sand

10' sand

16' sand

Materials: (6) low 16 dry sand
(1) Dried Deville pellets

*Mosses recovered from surface.

(CNC)-L. Thibout, J. Jaeger, W. Stevenson,
Rulus mottled, dense to Valley (A.L. Taylor)

Crossed Bedding to Valley (A.L. Taylor)

(SME) Dried Devil's Hole Well #6-3 (Deep)

(Hatched) Encrusting - 3 Specimens on site

purpose: Study fine Monolith
Debris (5' Monoliths)

Also, Recovery Test per 1957 info.

Gas well "G-3" Deep Deilles
(Depth 'ft')

0' Crossed Bedding to Valley (A.L. Taylor)

5' Red clay silty sand

Gas Reservoir (10 ft thick) - No Reservoir

12' Akeman silty med. fine sand

Bottom silty sand

Gas Reservoir (10 ft thick) - No Reservoir

Bottom (Hatched) Gas Reservoir
(112 ft thick) - No Reservoir

Well "G-3" (Deep)

0' Reservoir

5' Gas Reservoir - No Reservoir

10' Gas Reservoir - No Reservoir

Bottom (Hatched)

Well "G-3" (Deep)

(CNC)-L. Thibout, J. Jaeger, W. Stevenson,
Rulus mottled, dense to Valley (A.L. Taylor)

Crossed Bedding to Valley (A.L. Taylor)

(SME) Dried Devil's Hole Well #6-3 (Deep)

(Hatched) Encrusting - 3 Specimens on site

purpose: Study fine Monolith
Debris (5' Monoliths)

Also, Recovery Test per 1957 info.

Gas well "G-3" Deep Deilles
(Depth 'ft')

0' Crossed Bedding to Valley (A.L. Taylor)

5' Red clay silty sand

Gas Reservoir (10 ft thick) - No Reservoir

12' Akeman silty med. fine sand

Bottom silty sand

Gas Reservoir (10 ft thick) - No Reservoir

Bottom (Hatched) Gas Reservoir
(112 ft thick) - No Reservoir

Well "G-3" (Deep)

0' Reservoir

5' Gas Reservoir - No Reservoir

10' Gas Reservoir - No Reservoir

Bottom (Hatched)

72.

OCTOBER 13, 1987
 Clear Breaks for Lurey
 Slati Walker Gas well "G-2" (5' thick)
 1st Walker Lined 1st Somerton
 underground at 2.5 feet so Relocated
 To side.

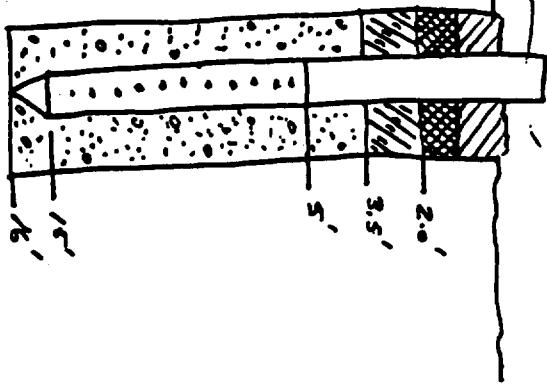
Gas well "G-2" shallow Walker
Depth
 0 1405
 3 1510

Gas Reservoir

Description

Gas Reservoir

0 1405
 3 1510
 6' Gas well - Some clay
 DK Blow - Some clay
 Dull white "STIFF SOIL" 5' foot
 Clay - soft sand
 Silty clay
 Gas Reservoir (1300 ft) - No Blow
 Blow very hard - fine sand
 Bottom (1300 ft)



73.

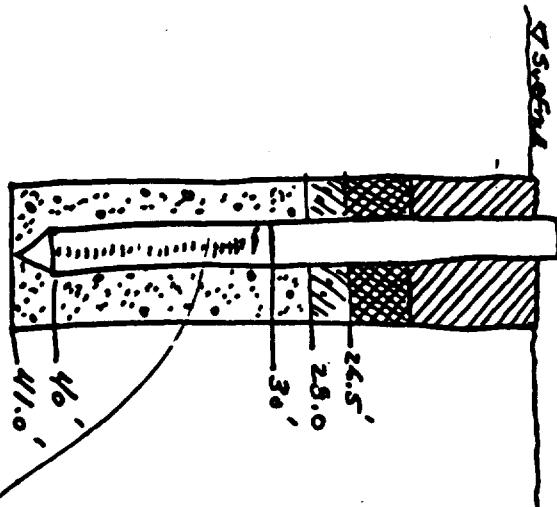
OCTOBER 13, 1987

Slati Walker Gas well "G-2" (Deep)
 Gas well & G-2 Deep Drilled

Depth

Description

0 Gas Reservoir (1700 ft) - No Reservoir
 3 Gas Reservoir (1400 ft) - No Reservoir
 12 Dark Blow clay sand
 13 Sandy clayey sand dark Blow Mottled
 13.5 Gas Reservoir (1400 ft) - No Reservoir
 20 DK Blow Mottled sand - Organic
 Reservoir - lenses, now
 27 Black Mottled sand
 34 Glare - dark Blow sand sand
 41 Bottom - Gas Reservoir (1300 ft)
 No Reservoir

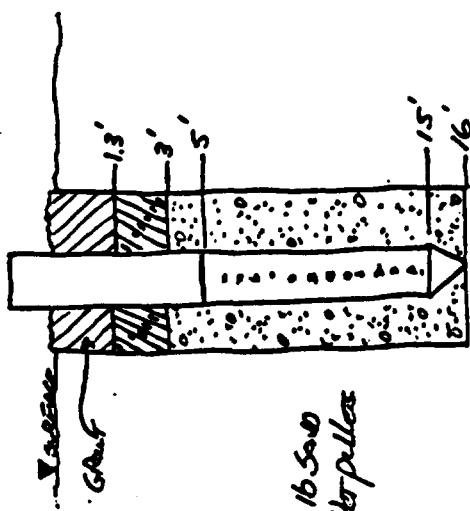


Materials: G-5) 100/16 Bars Saw
 (1) Bucket Pullers

Motors: G-5) 100/16 Bars Saw
 (1) Bucket Pullers

75.

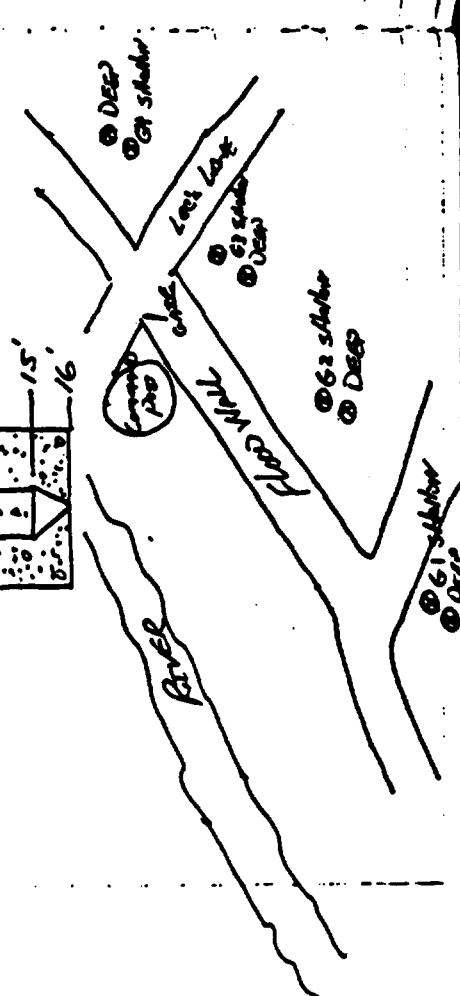
74. OCTOBER 13, 1967
 1610 Street Well Gas well #6-1 (shallow)
 (Hazard) T. Moore, C. Mykleson off-site
 1615 Here (3) Surveyors off-site.
 Bench Mark Monuments to place.
 1620 Gas well #6-1 (shallow) Dugout
 Depth (4) Dugout
 0 Lt. Gray sandy clay 5' to
 Bed of mud clay 5' to sand
 4 Blown Mud 5' to sand
 Bottom (1628 ft.)
 16



More rods (11) 516500
 (1) bullet poles

- October 13, 1967
 1637 5' over Dugout Gas well #6-1 Deep
 (Bh) E. Hunter, D. Danee off-site
 Gas well #6-1 Deep Dugout
DEPTH
 0 Lt. Gray fine sand soil
 4 Red brown silty clay
 6 Lt. Gray silty clay
 9 Lt. Gray silty clay measured
 Gas Release (1657 ft.) at
 12.5 feet - in Dugout
 10 0.25' around - 50' to 5' sand
 Stop Drilling at 1715 - 1720
 To clear bubbles and get
 water for Bentontite in
 shallow well.
 1730 All wells drilled 10-13-57: were
 played out Bentontite seal and
 planned to set overcement.
 CLEW Dugout - Experiment
 CLEW off-site
 Dugout set over or - site.

M. W. H. Hunter



76.

October 14, 1957

Death of Gas well #6-1-Deep
General Survey Officers
Present on site: EPA,
TOM-1

Facs-7
Eas-7

Wester-Cast, clear sky, black top
of 26°F.
Mark P. Hussman - TAT
OSC - Dens. AW Counter
(CMC) - J. Soares, R. Weiss will blow
wells.

~~Gas well #6-1-Deep~~ Cored
Depths(ft)
23.5

~~Gas well~~ Gas Reservoir
Cuttings (cores & holes) - No
Report.

Witnessed due to cuttings
Gas Meters does not
Inferent Methane gas.

Dee Lee H. (Pee) (L.L.H.) Co-ops
in Bao Tang in Manchurie

To 30 ft.
Dr. Blow away saw
Channeled edge.
Bottom 10838 ft.
Meters: (1) 50 ft. Bgs saw
(1) Bunker Pillars

October 14, 1957
Gas well #6-1-Deep



0920-1122 Decon. Max blow out was about
#6-1-Deep and G-2 Deep

Depth(ft) Description

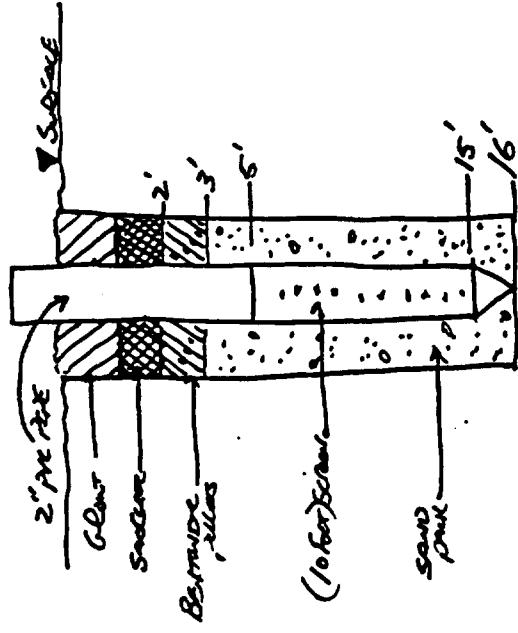
Depth (ft)	Description
0	Dr. Blow away saw
2.5	Blow away saw
5	Blow away clay
10	Blow away saw
12	Dr. Blow away saw
16	Bottom (1144 ft.) Gas Reservoir 1145 ft. Present

Meters: (1) 50 ft. Bgs saw
(1) Bunker Pillars

77.

76.

OCTOBER 14, 1987
144 Gas Well # G-4 Shallow



1200 Clean Breaks for lunch

1235 Start Dewatering Gas Well # G-4 Deep

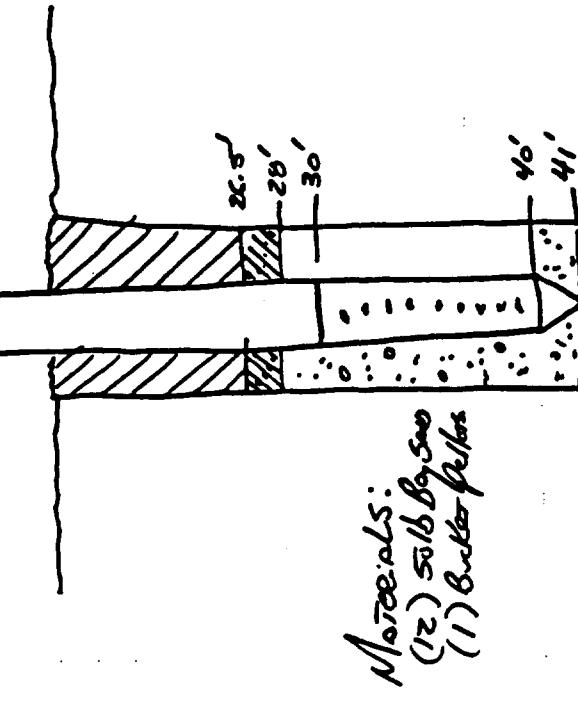
Description
Dewatering

- 0 +1' Blown clay 50' fine sand
- 5 (25' thick) no Bentonite
- 7 dk blnd sandy clay
- 10 dk blnd sandy sand
- 13 Blown medium sand
- 19 Blown - poorly sorted sand
- 26 Gas Reservoir (100 ft thick) - 4' Reservoir
- 28.5 Bottom (135 ft thick)
- 41 clayey sand to cuttings w. Reservoir

Gas Reservoir (130 ft thick) w. Reservoir
gas Reservoir (130 ft thick) w. Reservoir

Oct 08 1987

1310 Gas well # G-4 Deep



1330 Dewatering equipment as far below

- 1500 (Cmc) 5' Jars & R. mesh set-see
- 152.5 Gas well # G-1 Shallow cleaned and protective casing in place
- 160 Gas well # 2 Shallow cleaned and protective casing in place
- 161.5 Gas well # 2 Deep cleaned and protective casing in place
- 1641 Gas wells # G-3 5' hollow and G-3 Deep cleaned and protective casing in place
- 1719 Gas well # G-4 Shallow cleaned and protective casing in place.
- 1720 Protective screen set and see

60

OCTOBER 11, 1967
Cleaning & Materials Department
1730
Clean out-store.

Mark H. Tracy

LEE'S LANE LANDFILL
Louisville, Kentucky
TOD-04.9706-04
LOG Book #4.

Log Book #4.

MATERIALS		
56-401	Ginger	Record
56-412	Black	2 Cols.
56-403	Red	3 Cols.
56-404	Blue	4 Cols.
56-406	Green	6 Cols.
56-408	Chestnut	8 Cols.
56-412	Maroon	12 Cols.
56-411	Red	S.E. End.
		Each

OCTOBER 15, 1987

0910

0910

SMI BEARS DRILLING GAS WELL OPERATION

DEPTH

0

Gas Reedor 1.5 foot down

at 0910 hours - No Reedor

MED. Brown clayey soil

Brown fine-MED sand

Bottom 0923 hours

Diagram:

Diagram description:

Anode

Cathode

2'

Mores (0) on B.S.

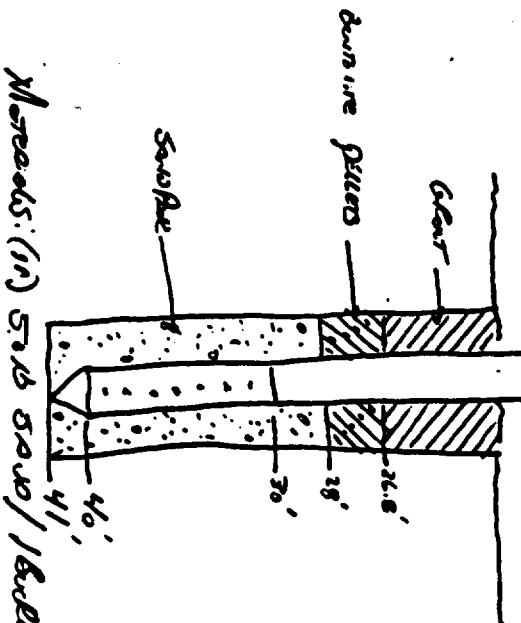
(1) Reedor

15'

16' (Km.)

15 Oct 1957
05c Danner air core to 1000'
to Number, Ky state
SME BEGGER TO DECK G-5 DEEP WELL
Depth (ft) Description

0 Gas Reservoir (gas free)
1 Gas Reservoir (0.44 ft/sec) -
No Reserve
Gas Reservoir (0.03 ft/sec)
2 No Reserve
3 Blow scaly clay
4 Blow fine-mesh sand
5 DK Blow, fine-mesh sand
6 Blow fine-mesh sand
7 Gas Reservoir (gas free)
8 No Reserve
9 Blow fine-mesh sand
10 Blow scaly clay
11 Blow fine-mesh sand
12 DK Blow, fine-mesh sand
13 Blow fine-mesh sand
14 Blow fine-mesh sand
15 Blow fine-mesh sand
16 Blow fine-mesh sand
17 DK Blow, fine-mesh sand
18 Blow fine-mesh sand
19 Blow fine-mesh sand
20 Blow fine-mesh sand
21 Blow fine-mesh sand
22 DK Blow, fine-mesh sand
23 Blow fine-mesh sand
24 Blow fine-mesh sand
25 Blow fine-mesh sand



1030 DECOR OR EARTHMENT BY SME FOR
PREPARATION OF WATER WELL DRILLING
DECOR PRECAUTION: ALL DOWNTIME
EARTHMENT AND CASES, SCREWS, ETC.
1. PRESSURE WASH
2. WASH WENT TAP WATER AND KEROX
3. PRESSURE WASH
4. RINSE WITH DISTILLED WATER
5. RINSE WITH DISTILLED WATER
6. RINSE WITH PLASTIC CASE WASH
7. CASE WITH PLASTIC
8. PRESSURE WASH BACK OR
REG.
* NOTE - PERMESSOR STEPS FOR CLEANING
TO DECOR GAS WELL 25' (2) WORSE UNDER
WELL CLEARED OUT BY LADONICS
AT 10.14.37.
05c DANNER AIR TORN THRU
RESERVOIR WIRE WELL DRILL
LOCATOR WENT S.M.E.
CLEAN BREAKS FOR LIVELL
W.C. RESERVOIR. DECOR - CONTINUE.
DECOR WIRE WELL DECOR (MA. Holes, Pycn.)
Depth (ft) Description
0 14 Blow Clayey soil
1 Gas Reservoir (0.03 ft/sec) - No Reserve
2 DK Blow scaly clay
3 Gas Reservoir (0.03 ft/sec) - No Reserve
4 DK Blow scaly clay fine sand
5 DK Blow fine sand
6 DK Blow scaly fine sand
7 DK Blow scaly fine sand
8 DK Blow scaly fine sand
9 DK Blow scaly fine sand
10 DK Blow scaly fine sand
11 DK Blow scaly fine sand
12 DK Blow scaly fine sand
13 DK Blow scaly fine sand
14 DK Blow scaly fine sand
15 DK Blow scaly fine sand
16 DK Blow scaly fine sand
17 DK Blow scaly fine sand
18 DK Blow scaly fine sand
19 DK Blow scaly fine sand
20 DK Blow scaly fine sand
21 DK Blow scaly fine sand
22 DK Blow scaly fine sand
23 DK Blow scaly fine sand
24 DK Blow scaly fine sand
25 DK Blow scaly fine sand

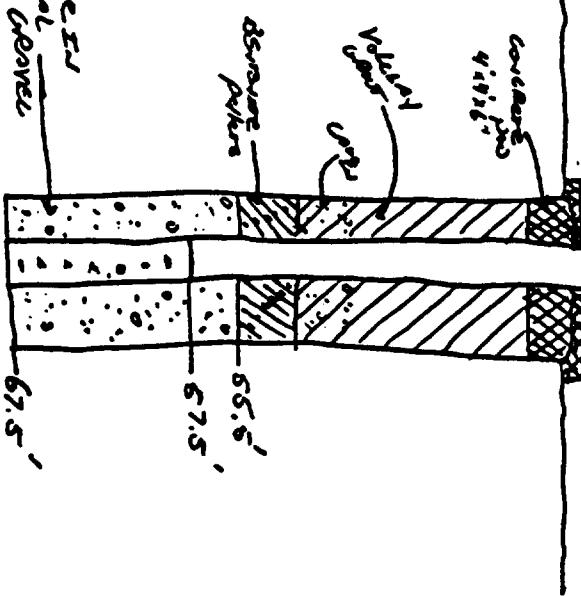
Remarks: (1) 5000 psi / 10000 psi.

4.

15, October 1957

Depth

(Mr. Hanks
Machinery)
 112
 Rec. Saw recesses
 28
 Barn/Cement Saw
 46
 Large caskets/Passes
 48
 Sawdust - Gas Reservoir
 (Sawdust) - No Reserve
 63.5
 Caskets sawd are general
 67.5
 Bottom (150' ft. down)

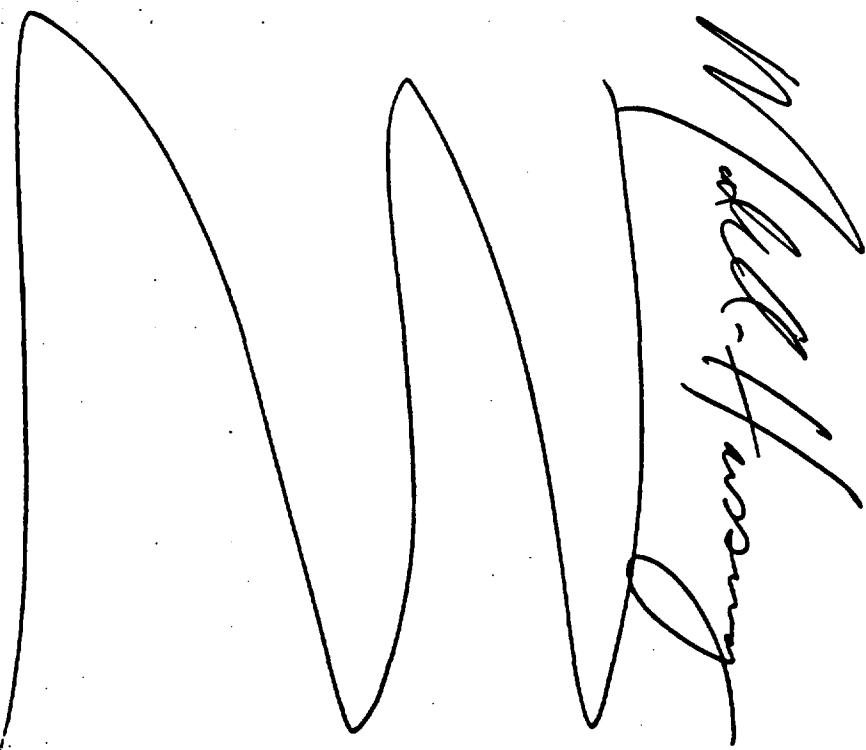


*Note: MR. HANK RELOCATED DOG so
 Possible to accomodate our
 Engagement. MR. HANK TOLD
 D. MERRILL IT WAS OK TO BACK
 PARKING AND ENGINEER TRAIL
 DECKS YARD.
 IS WELL

5.

15, October 1957

112
 Dentriene pellets placed on neck
 and pulled all success. Concreta
 10 foot above seal. Will allow
 To bottom of hole or 10/16/57.
 All work complete for today
 DENTRIENE SICKEN ON SITE
 ALL PERSONS ARE SAFE.



Materials: 1/2" Rebar Poles (6) 50' Bar Cels &
 6' Wood Logs Ready for

6. 16. OCTOBER 1967

0800 Personal on-site - EPA - 1,
Tgt - 1,
Radar - 2
SME - 3
Canc - 1

Planned Survey off-site
will be today well include:

- 1) Gravity or Hack's waste well
- 2) Drilling at Second waste well
- 3) Drill
- 4) Final cleanup on gas wells and

control photometric surveys.

(3) Resources went off site at clubhouse
#1 which apparently stopped about
Hack's well hole due to complications
with waste source.

Benton Valley flowing at Hack's waste well
15' below at about 14 hole

causing ~~the~~ currents and lenses

2nd Creek about 1/64

3rd Creek about 1/4

Q/S off me. Hack's property. Joe
Hudson (EM) told me he cleas
to help out at Rd 8 but that
water at well not be necessary.
Clean streaks are usually

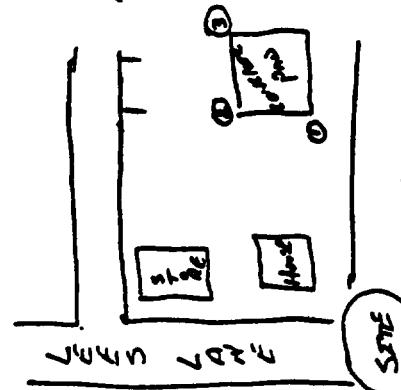
water streams

SMC DRillers Set up Rd 8
located for 2nd waste well
on Mr. F.M. Anderson's property.

7.

16, October 1967.

Area Map on F.M. Anderson's well located



- 1320 Property owned (on previous) doesn't
like ocean location as well as
Area ①. Even though both properties
and (EPA Demand) Bureau / Bureau
block west (between) War Machine
Shower Anderson Area ② and
He says that it was "ok" to
block there. Mr. Anderson now
says that area ① is too close
to property line if so no disturbance
area should be blocked.
Toms Thomas Nebo others used
Mr. Anderson to find a new location
and has property.
- 1325 Moved drill rig to Area ② Bore
To Drill But, location unclear
By concrete - can drill at ②
move to Area ③ for work.
1330 Mr. Anderson said this area was fine

一〇

OCTOBER 17, 1965

三

16, OCTOBER 1967
For a Detailed Description
of what type samples were

Required:
Sample's *RECORDED* *WIRE* *PS* *FULL*

$$\begin{aligned} \text{CNC} &= 2 \\ \text{Sharing} &= 2 \\ \text{SME} &= 3 \end{aligned}$$

① Décor - water

TEST

$$T_{\text{eff}} = 0$$

(1) 4 μ m Remote dome
(1) Line Plastic Bubble

*Cyanos
Merops
Volatilas.*

Sample Devoted as LLLW2

② Desolved/Dissolved water

C, 4, CREE SUPER SORCE
C, 4, CREE PLASTIC "

(1) Little plastic
(2) Van Vicks
Sample Dentro as laranja

Tell Tim Eliseo or soe to keepe
Tin 1/2 in - 1/2 in - 1/2 in - 1/2 in

Sample collected and taken by

Tell Caesar to consider the
service for Profee Parkine so

Stephens. / /

Mark complete for today.

See Person Name
Plotted on Sheet #

卷之三

Wellington

210

New Personel on-Site: CMC = 2
 Sharron = 2
 SMC = 3
 TAT = 1
 Eta = 0

Work for today to include-

- 1) Final Cleaning of horse wells
- 2) Concrete paths installed (planed)
- 3) Pavers at water tank wells for Closery.

1000 (CMC) W. Sharron & R. Webb Demolish
 To A.C. Taylor site with Prairie
 Laundry abd Rock Site To Sharron
 & CMC abd R.A.T.D. abd
 Paint well grasses abd concrete
 Concrete footings abd Mr. Hakes
 Well Trestle abd concrete
 Cane.

1130 (CMC) W. Sharron & R. Webb Back up
 SMC: Backfill to be used
 To Back up Excess dirt from
 Distillery abd Break back to
 SMC

(CMC) R. Webb Distillery Cane abd
 well grasses abd Rust Prevention
 Green Blanks for lunch
 1230 Team / Harry abd SMC

1240 Concrete footings Abnd Abndess
 more well Distilled abd Pavers
 Cane Distillery / Walked on-site off

1500 Personal off-site / Walked on-site off

OCTOBER 19, 1967

PERSONAL ON-SITE - Harren - 1

Tat - 1
Spa - 0
CNC - 0

Work for today will include:

1) Preparation of Decon Reclae

FSC DEMS Back to Atmos

Expt. by air Sherman has

Please / Deono 1200 for reclae

Pack-up.

2) Tisrall Metal Well Breeches
Almond Gas and water wells

05c Danee contol Sacs after it
The Malmont message was

Made by Horve Culveressera

Eps does not pay for the

Correction of the problem. But

If there made the mistake

One to Passco's SITE work

05c MPP (gas) Ella Oscar Day

for the correction of the problem

05c Danee Deereal Tam Susana

To raise passed ceiling up

To 2 million, or increase on 200,000.

(INC) Business on-site is,

Dump truck went cap on shot.

(INC) Jim Smeris and

on-site air decontamination work

Welding to tank Metal

Breeches Almonds wells and

Paint Metal for Rust

Prevention.

19 October 1967

13.

1230

Titan-Hissay site-size 10
Power to office to Sitter

Water Samples taken at

Site on Oct 18, 1967.

Samples have been collected

and sent down to

CNC Employees. Plus HES

Jim Sears

BAKU team

See notes on Tidewater

05c Tisrall Metal (Steel)

Breeches / Almond site

and water wells.

1800 one Person De-Pass site

1700 De-Pass Site

Raw (Harren) O. metal depon



4.
October 20, 1987

our personal air-seze: CMC-3
Mazzeau/

TOT-0
EPG-0

work fee today will include:
) Finish painting Moroc Bascas
Recons wells.

Parker Seaway air-seze.
1) More Greek Seaway Poco
Cust Pocoval air-seze
Hawkins D. More air-seze

All El Segundo air-seze
Deco Traeue was Demanded
on 10/19/87.

M. A. C. Hausey

SECTION IV
Photographs



PHOTO# 1
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Burying the empty exposed drums.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 March 1987

Photographer: Doyle

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1400

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 2
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Burying the empty exposed drums.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 March 1987

Time: 1400

Witness: none

Location of Negative:
Louisville TAT Of

Film: Kodak ASA: 100

TDD#: 04-8706-04



PHOTO# 3
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Burying the empty exposed drums.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 March 1987

Photographer: Doyle

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1400

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 4
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Burying the empty exposed drums.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 March 1987

Time: 1400

Photographer: Doyle

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office



PHOTO # 5
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 03 June 1987

Time: 1000

Photographer: Woodson

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO # 6
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 03 June 1987

Time: 1000

Photographer: Woodson

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 7
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 03 June 1987

Photographer: Woodson

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 8
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 03 June 1987

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO # 9
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 05 June 1987

Photographer: Woodson

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO # 10
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 07 June 1987

Time: 1200

Witness: none

Location of Negative:

Louisville TAT Office

Film: Kodak ASA: 100

TDD#: 04-8706-04



PHOTO# 11
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 13 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDDN#: 04-8706-04

Time: 1430

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 12
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Tree clearing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 24 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDDN#: 04-8706-04

Time: 1100

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 13
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 0915

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 14
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 15 June 1987

Photographer: Sims

Film: Kodak ASA: 100

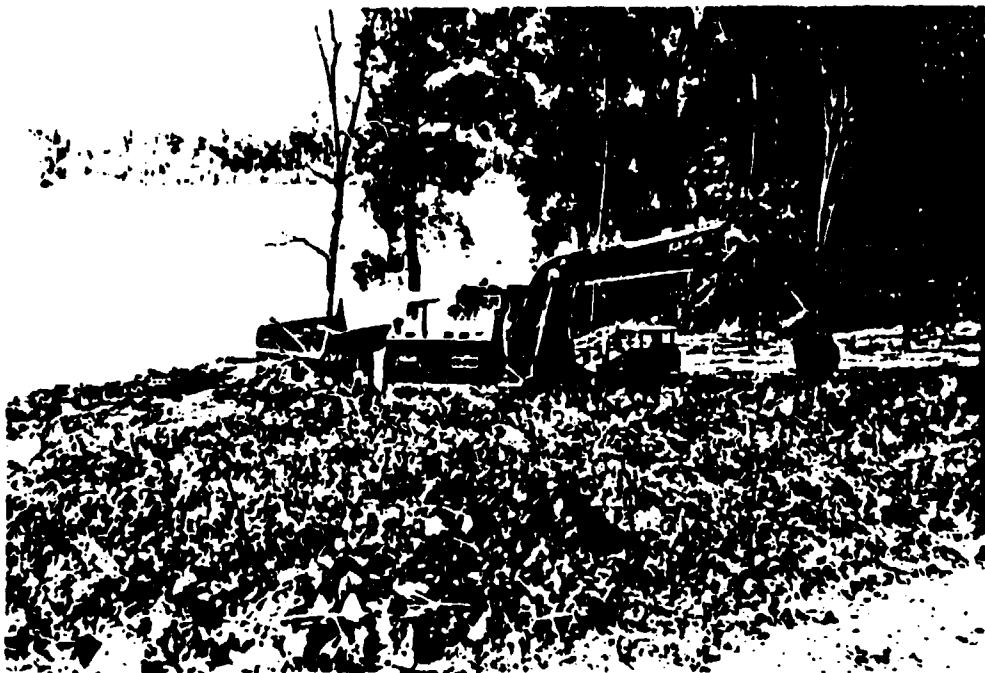
TDD#: 04-8706-04

Time: 1300

Witness: none

Location of Negative:

Louisville TAT Off'



PHOTO# 15
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 15 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1315

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 16
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 16 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1030

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 17
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 17 June 1987

Time: 1300

Photographer: Sims

Witness: none

Film: Kodak ASA: 100

Location of Negative:

Louisville TAT Office

PHOTO# 18
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 18 June 1987

Time: 1230

Photographer: Sims

Film: Kodak ASA: 100

Number: OA-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 19
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 19 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 0900

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 20
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 21 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Off'



PHOTO# 21
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 24 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 22
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stump/trash removal.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 27 June 1987

Time: 1300

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 23
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Slope

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 13 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDDN: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 24
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Slope

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDDN: 04-8706-04

Time: 1430

Witness: none

Location of Negative:

Louisville TAT Off'



PHOTO# 25
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Slope

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 June 1987

Time: 0900

Photographer: Sims

Witness: none

Film: Kodak ASA: 100

Location of Negative:

Louisville TAT Office

PHOTO# 26
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Slope

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 19 June 1987

Time: 0830

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Location of Negative:
Louisville TAT Office



PHOTO# 27
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Slope, Grading and Compacting.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 24 June 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1100

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 28
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of slope facing west end at e1.440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 06 July 1987

Photographer: Sims

Film: Kodak ASA: 100

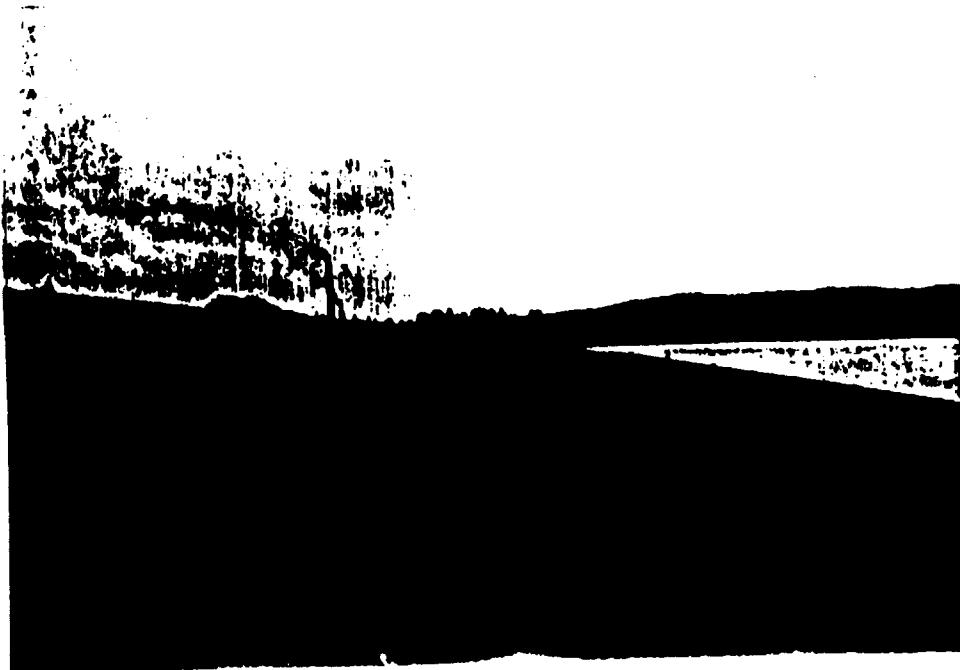
TDD#: 04-8706-04

Time: 0900

Witness: none

Location of Negative:

Louisville TAT OFF'



PHOTO# 29
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of slope facing west end at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 06 July 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1600

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 30
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Grading and sloping to el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 06 July 1987

Time: 1400

Photographer: Hussung

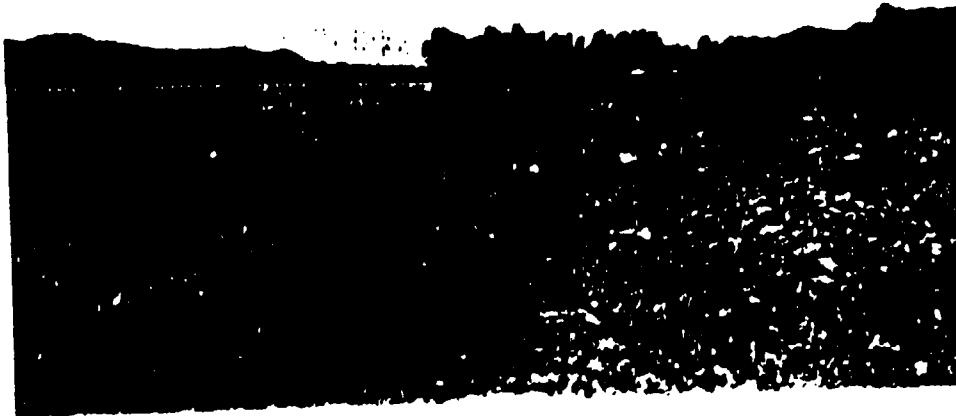
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Off'



PHOTO# 31
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of slope facing east end.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 06 July 1987

Photographer: Illussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1400

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 32
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View of slope facing east end.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 06 July 1987

Photographer: Illussung

Film: Kodak ASA: 100

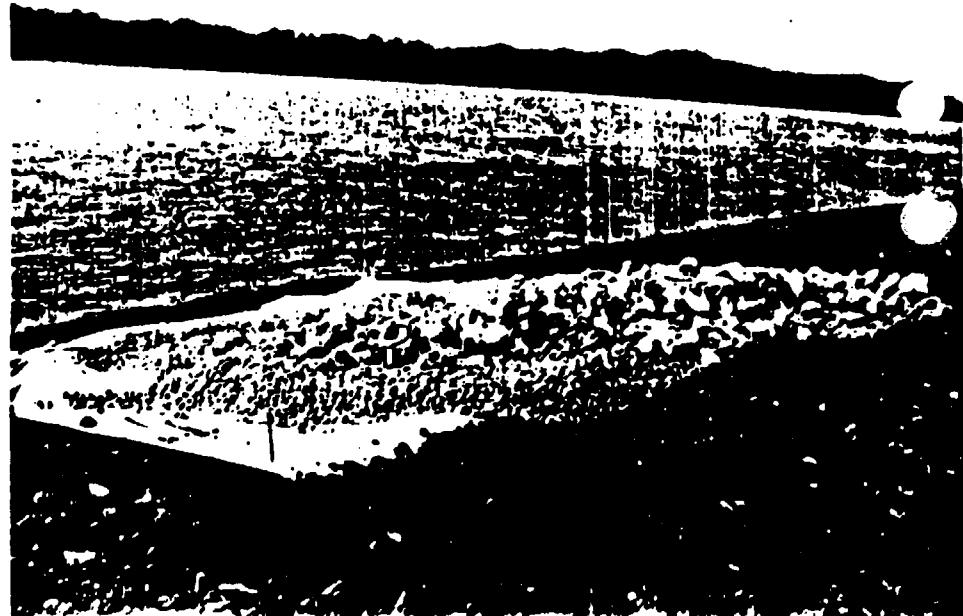
TDD#: 04-8706-04

Time: 1400

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 33

OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Geotextile filter fabric testing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 08 July 1987

Photographer: Roberts

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1200

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 34

OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Geotextile filter fabric testing.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 08 July 1987

Photographer: Roberts

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1200

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 35
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Placement of river sand on slope to el.440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 15 July 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1100

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 36
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Placement of river sand of slope to el.440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 15 July 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1100

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 37

**OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY**

Subject: Layering manufactured sand over river sand on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 03 August 1987

Time: 1300

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT Office

PHOTO# 38

**OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY**

Subject: Layering manufactured sand over river sand on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 03 August 1987

Time: 1300

Photographer: Hussung

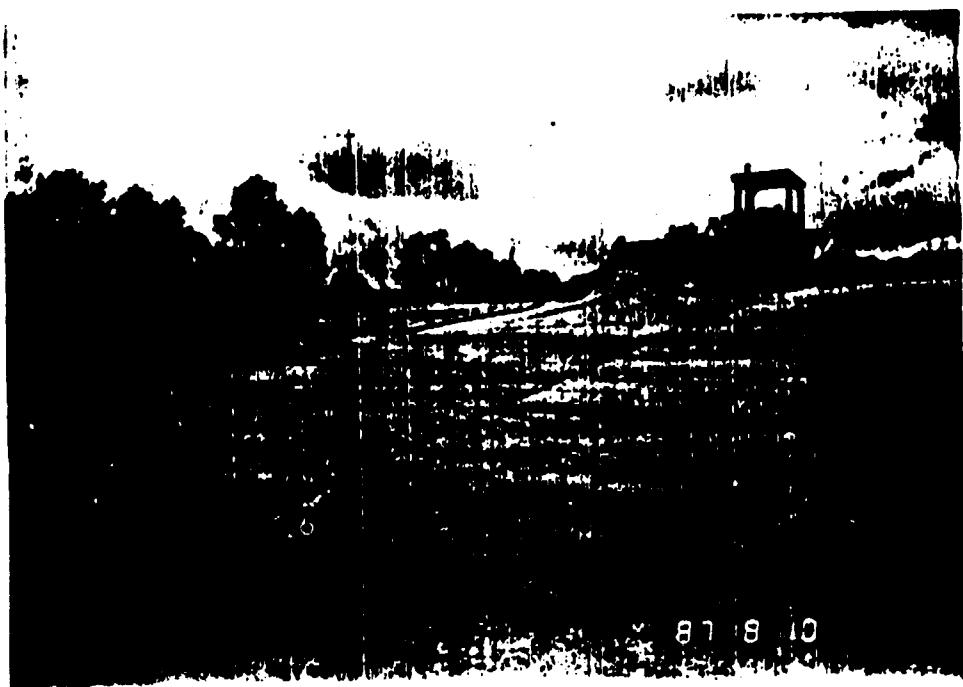
Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT OFF



PHOTO# 39
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Filter fabric anchored to slope with
12 inch fabric pins.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 10 August 1987

Photographer: Hissung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1300

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 40
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Filter fabric anchored to slope over manufactured
sand.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 29 July 1987

Time: 0830

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 41
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Securing filter fabric in 2 foot
trench at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 22 July 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 0900

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 42
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Securing filter fabric in 2 foot trench
at el.440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 29 July 1987

Time: 0830

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT OFF'



PHOTO# 43
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Placement of #3 stone over anchored filter fabric on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 27 July 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 0900

Witness: none

Location of Negative:
Louisville TAT Office



PHOTO# 44
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Layering of river sand, manufactured sand, filter fabric and #3 stone on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 03 August 1987

Time: 1000

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT OFF



PHOTO# 45
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Layering of river sand, manufactured sand,
filter fabric and #3 stone on slope as
seen from opposite bank.

Location: Lee's Lane Landfill, Jefferson Co., KY

Date: 27 July 1987

Time: 1330

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT Office



PHOTO# 46
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading #3 stone on filter fabric.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 27 July 1987

Photographer: Sims

Film: Kodak ASA: 100

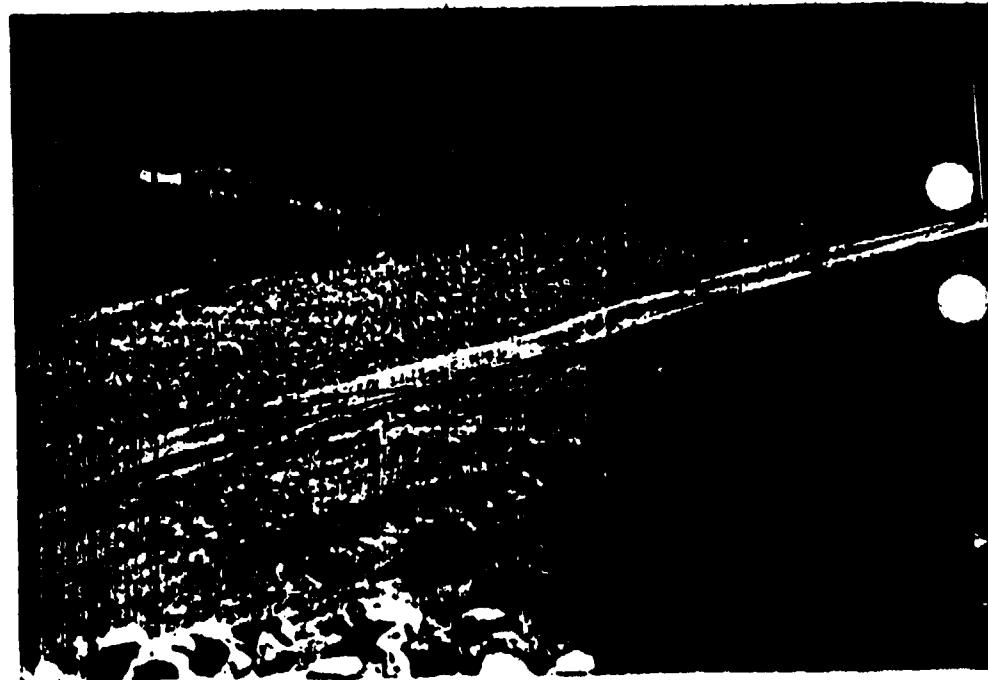
TDD#: 04-8706-04

Time: 1300

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 47
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading #3 stone on filter fabric.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 27 July 1987

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1300

Witness: none

Location of Negative:

Louisville TAT OFF'



PHOTO# 48
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Layering of river and manufactured sand,
Fabric, #3 stone and Class II rock on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 12 August 1987

Time: 1000

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDDN: 04-8706-04



PHOTO#49
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Layering of river and manufactured sand, fabric
#3 stone and Class II rock on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 13 August 1987

Time: 1100

Photographer: Hussung

Film: Kodak ASA: 100

TDDN: 04-8706-04

Location of Negative:
Louisville TAT OFF'



PHOTO# 50
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Layering of materials to el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 August 1987

Time: 1000

Photographer: Hussung

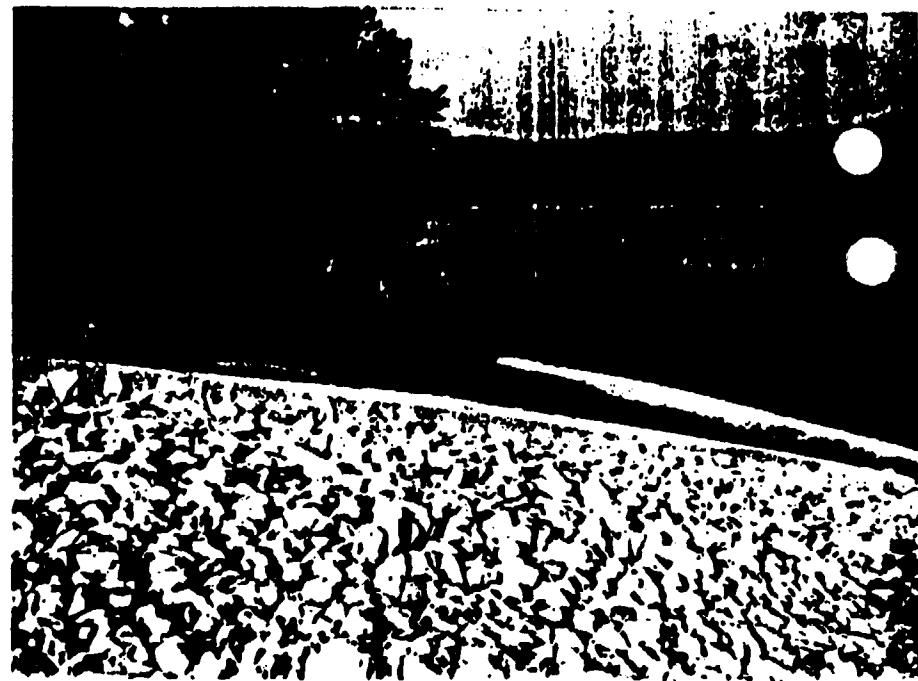
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 51
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Class II rock placement over #3 stone.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 12 August 1987

Time: 0900

Photographer: Hussung

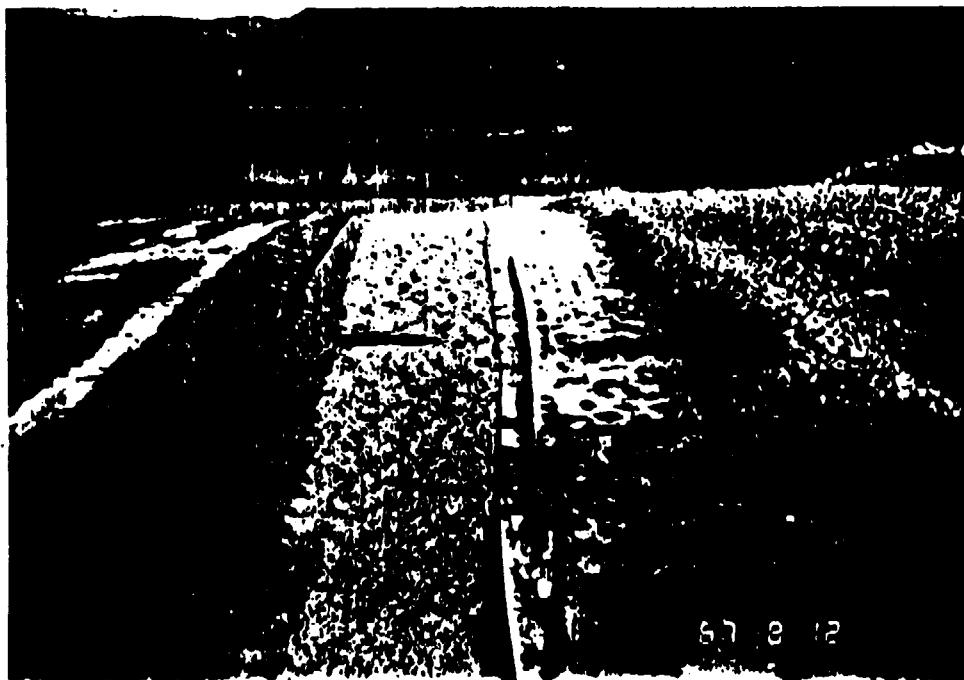
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT OFFICE



67 8 12

PHOTO# 52
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: View from El. 440 showing separation
and layering of materials

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 12 August 1987

Time: 0900

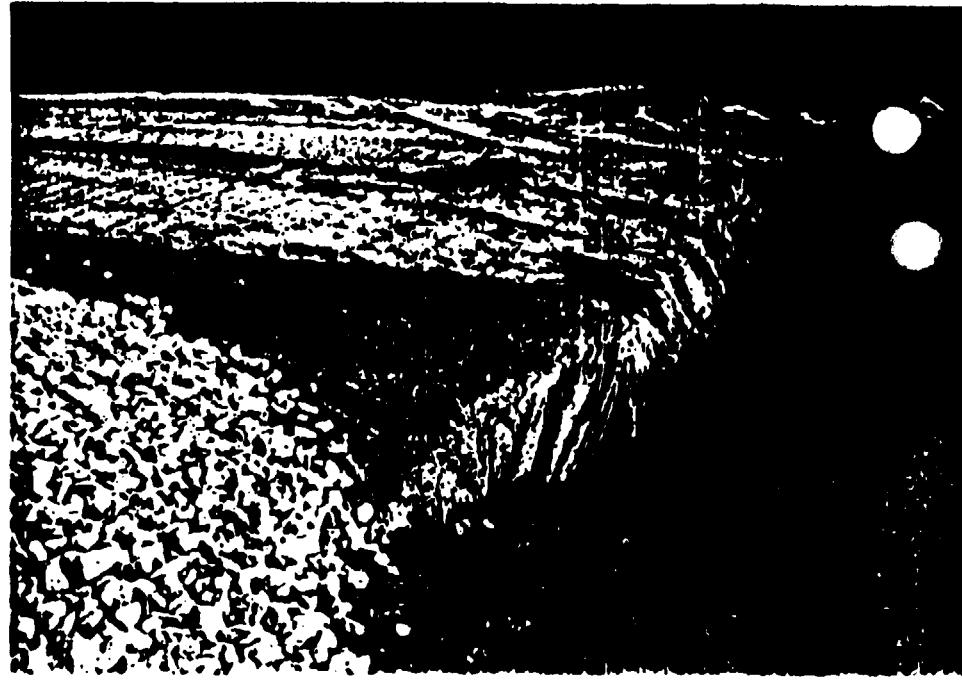
Photographer: Illussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04



PHOTO# 53
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Manufactured sand, secured fabric and #3 stone

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 13 August 1987

Time: 1000

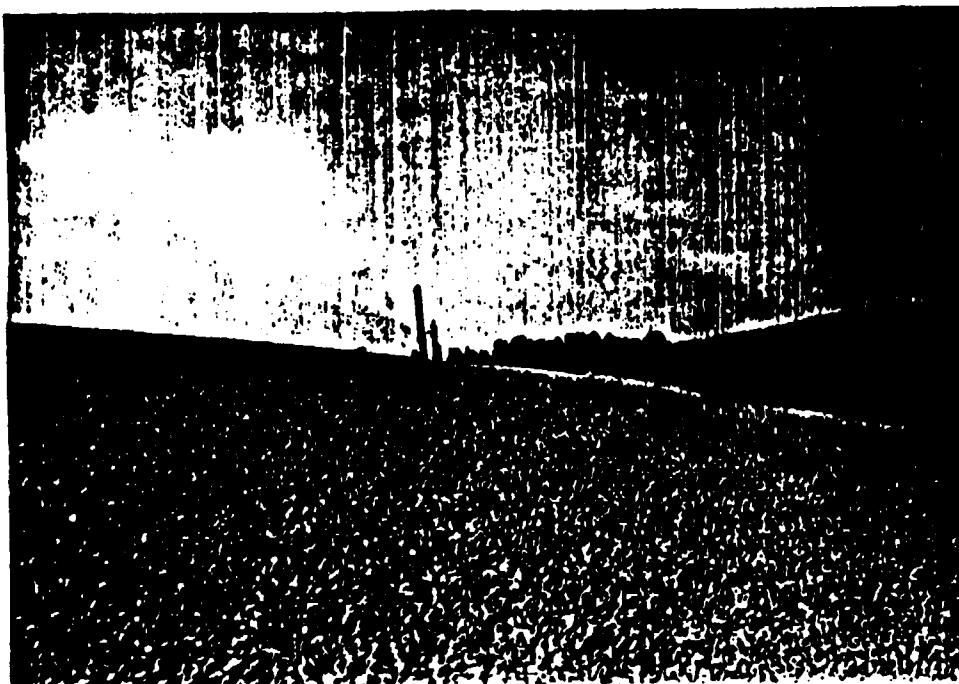
Photographer: Illussung

Witness: none

Film: Kodak ASA: 100

TDD#: 04-8706-04

Location of Negative:
Louisville TAT Office



PHOTO# 54
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: #3 stone covering on slope.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 19 August 1987

Photographer: Hussung

Film: Kodak ASA: 100

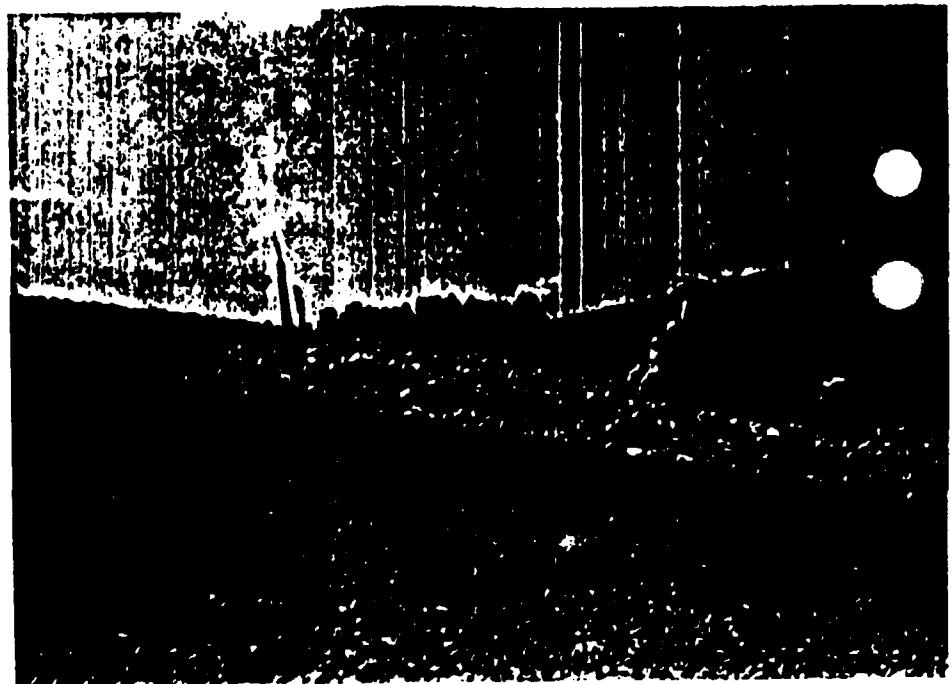
TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 55
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading of Class II rock over #3 stone.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 September 1987

Photographer: Hussung

Film: Kodak ASA: 100

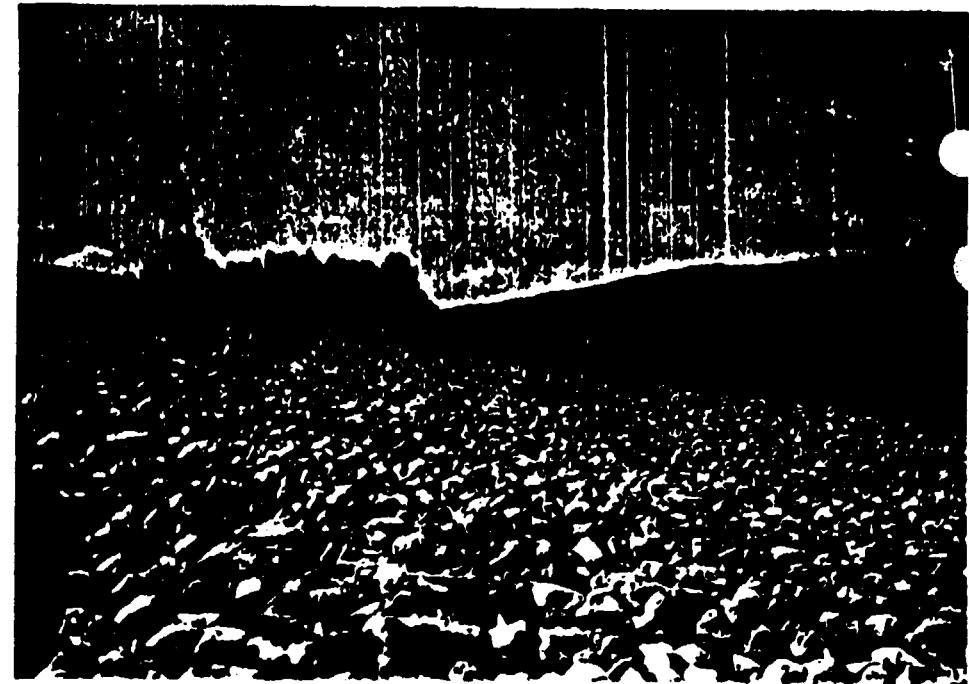
TDD#: 04-8706-04

Time: 1130

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 56

OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Class II placement over #3 stone to 18 inch depth.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 12 August 1987

Time: 0930

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 57

OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Class II placement on slope to el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 August 1987

Time: 1300

Photographer: Hussung

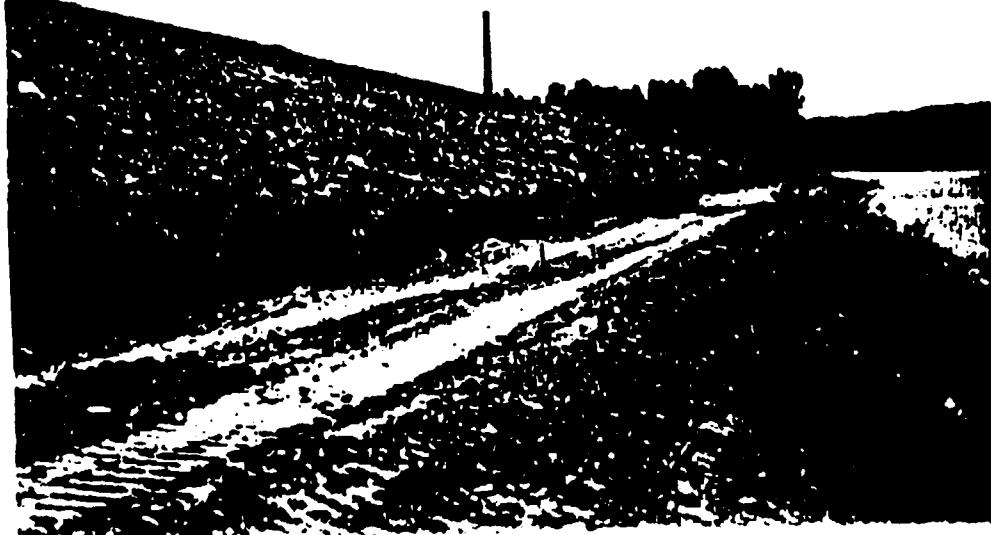
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 58
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Temporary access road for placement of
Class II rock at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 26 June 1987

Time: 0930

Photographer: Sims

Film: Kodak ASA: 100

TRIN#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 59
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Beginning of Class II rock at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 26 June 1987

Time: 0930

Photographer: Sims

Film: Kodak ASA: 100

TRIN#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT

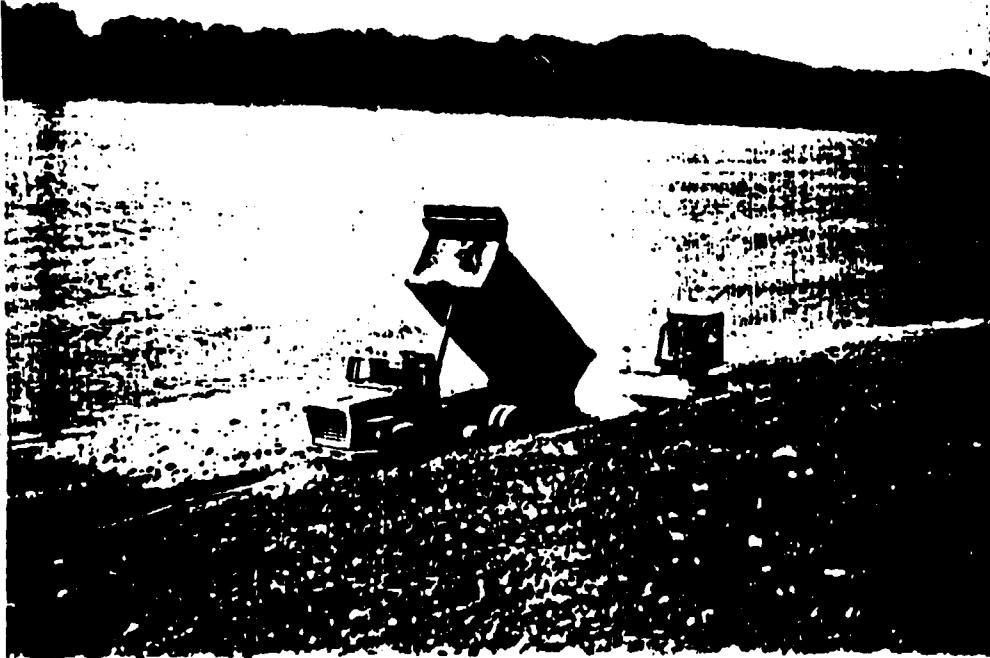


PHOTO # 60
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading and placement of Class II rock
at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 30 June 1987

Time: 1000

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office

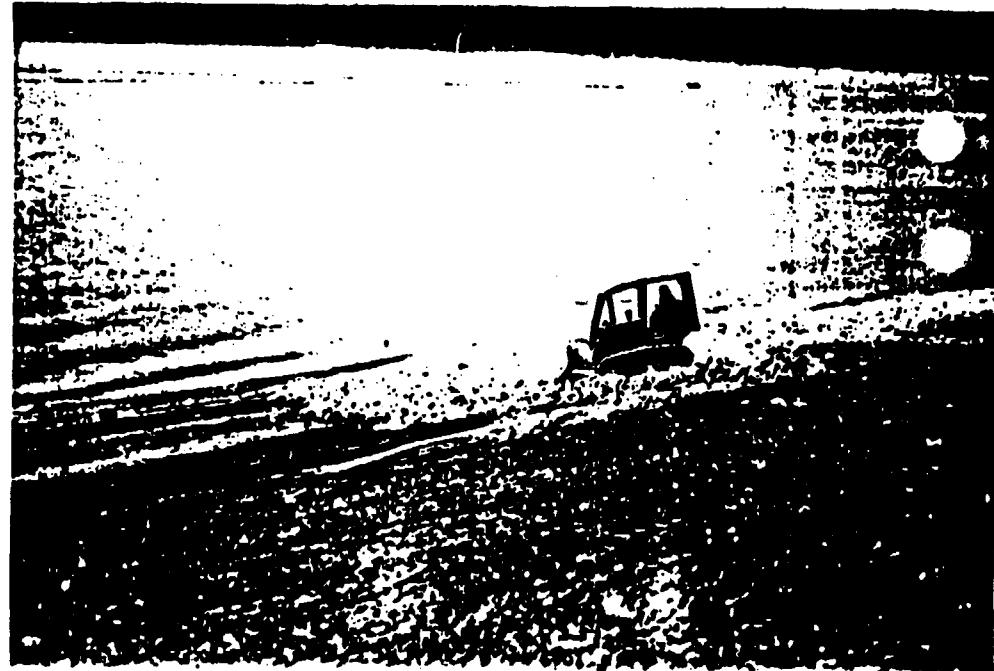


PHOTO # 61
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading and placement of Class II
rock at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 30 June 1987

Time: 1000

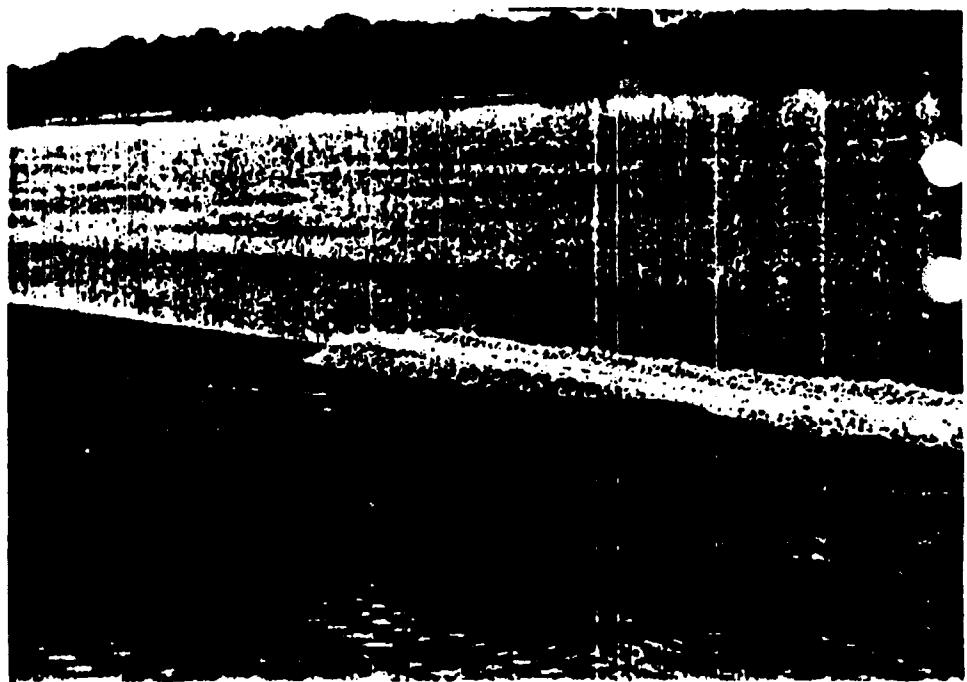
Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT OFF



PHOTO# 62
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Class II rock placement at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 July 1987

Photographer: Roberts

Film: Kodak ASA: 100

THRU: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 63
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Class II rock placement at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 17 July 1987

Time: 1000

Photographer: Roberts

Film: Kodak ASA: 100

THRU: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 64
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Completion of Class II rock placement at waterline.

Location: Lee's Lane Landfill, Jefferson County, Louisville, KY

Date: 05 August 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 65
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Completion of Class II rock placement at waterline.

Location: Lee's Lane Landfill, Jefferson County, Louisville, KY

Date: 05 August 1987

Time: 1000

Photographer: Hussung

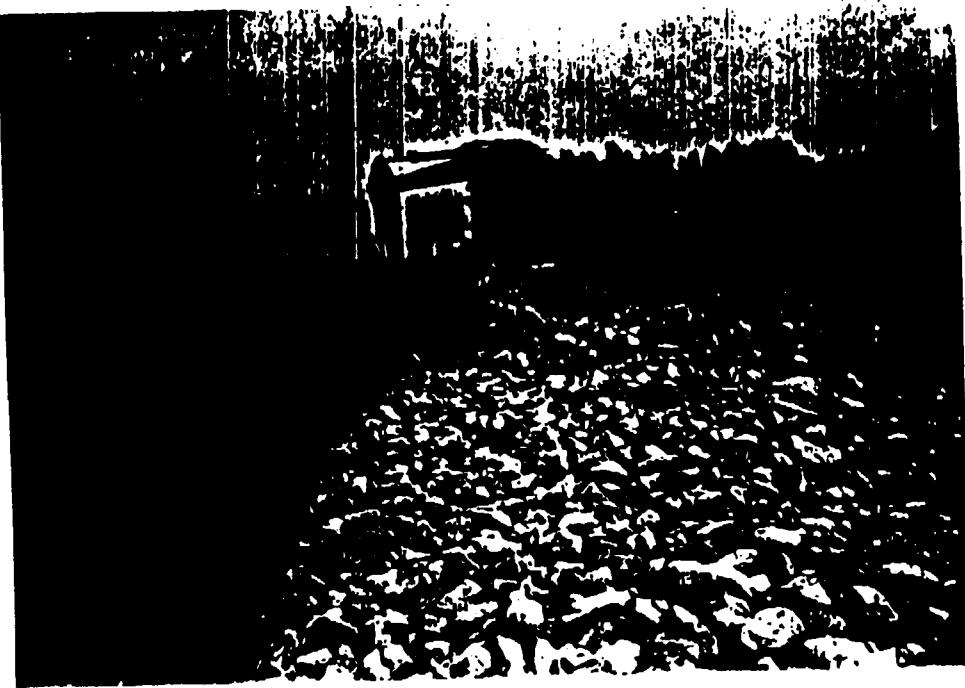
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 66
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading of Class II rock at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 13 August 1987

Time: 1000

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 67
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Spreading of Class II rock at waterline.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 14 August 1987

Time: 1100

Photographer: Hussung

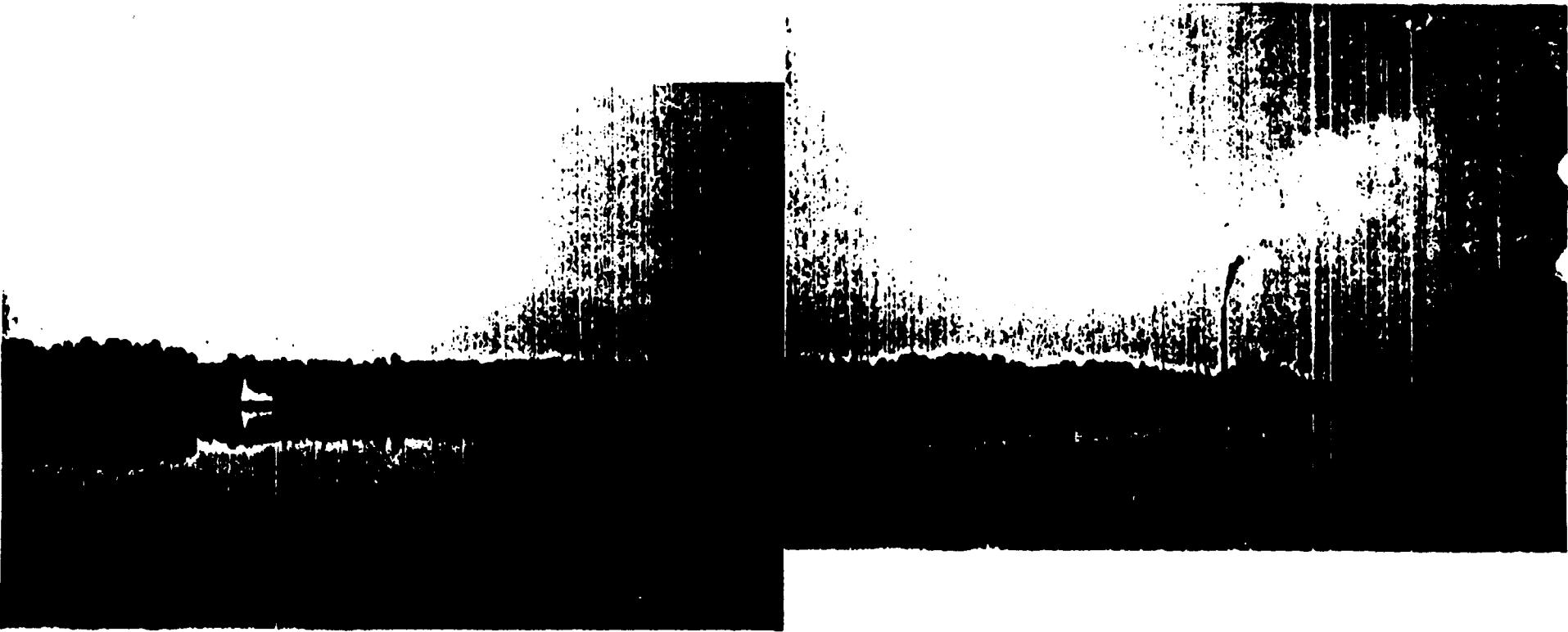
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Offi



**PHOTO# 68
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY**

Subject: #3 stone cover at 95% completion as seen
from opposite bank.

Location: Lee's Lane Landfill, Louisville,
Jefferson Co., KY

Date: 12 August 1987

Time: 1000

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT Office



PHOTO# 69
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drainage ditch lined with shale.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 28 September 1987

Time: 1000

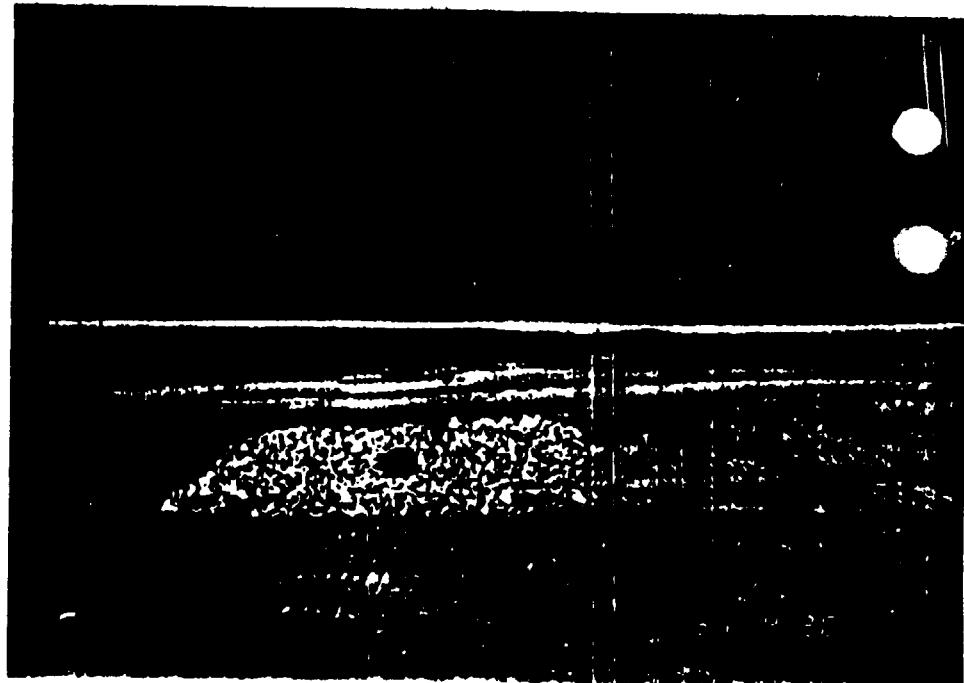
Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:
Louisville TAT Office

TDD#: 04-8706-04



PHOTO# 70
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drainage ditch lined with shale.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 28 September 1987

Time: 1000

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office



PHOTO# 71
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drainage ditch lined with shale.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 September 1987

Time: 1400

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04



PHOTO# 72
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drainage ditch lined with shale.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 September 1987

Time: 1400

Photographer: Hussung

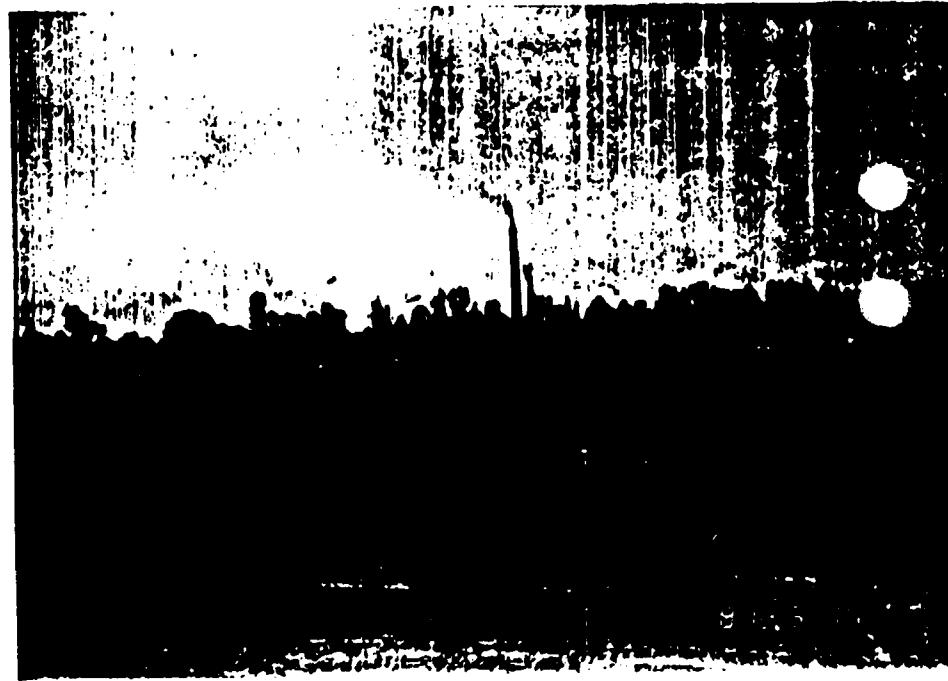
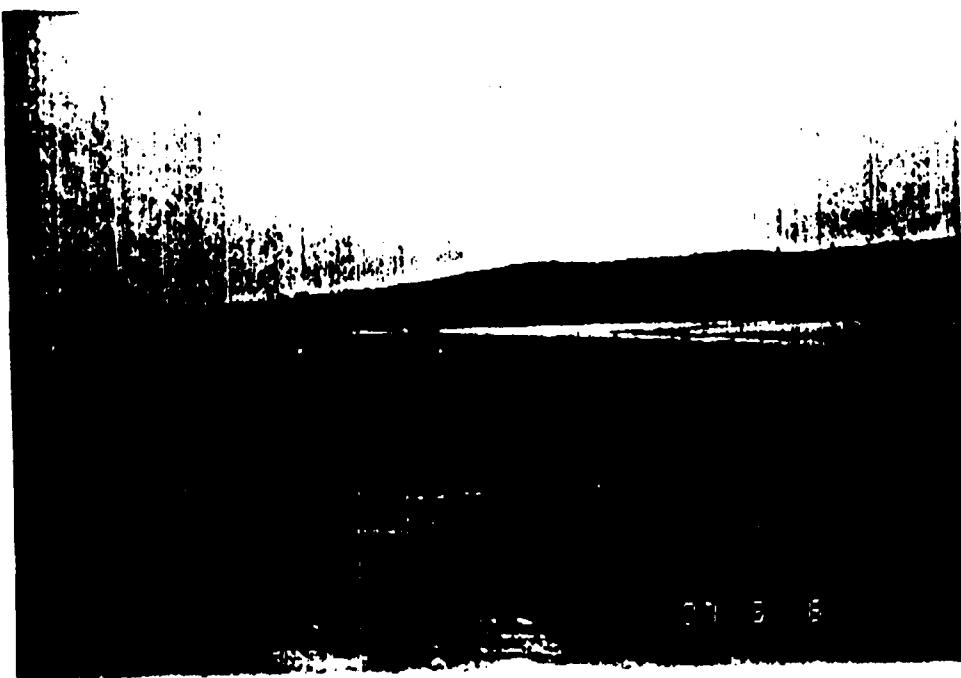
Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT Office



PHOTO# 73
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Topsoil covering at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 08 September 1987

Time: 0900

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDDN: 04-8706-04

PHOTO# 74
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Topsoil covering at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 14 September 1987

Time: 1300

Photographer: Hussung

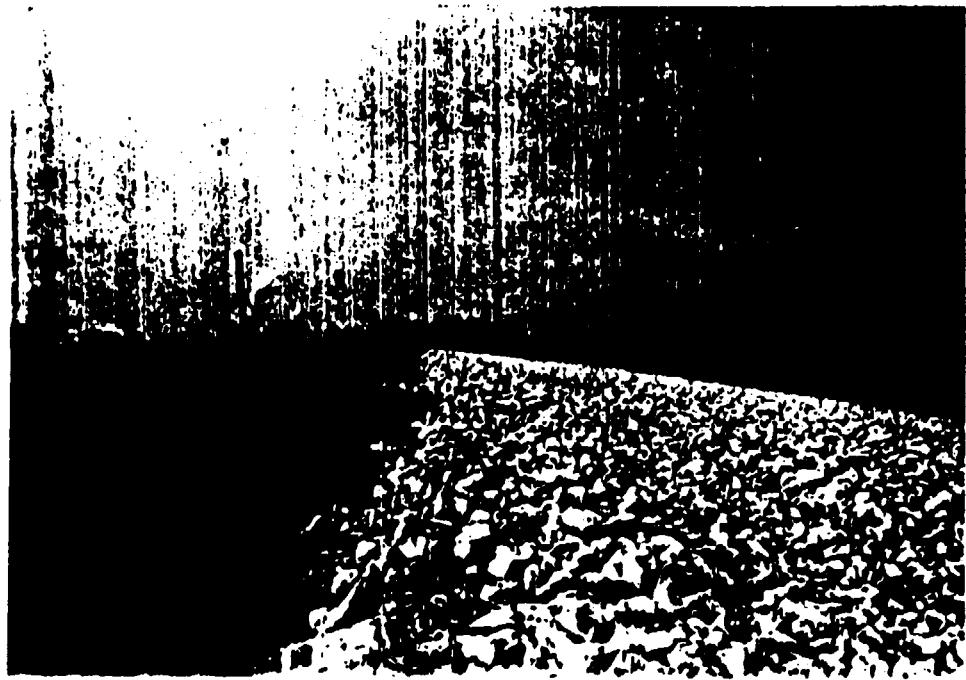
Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDDN: 04-8706-04

Louisville TAT off



PHOTO# 75
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Mixture of grasses sown at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 28 September 1987

Photographer: Hussung

Film: Kodak **ASA:** 100

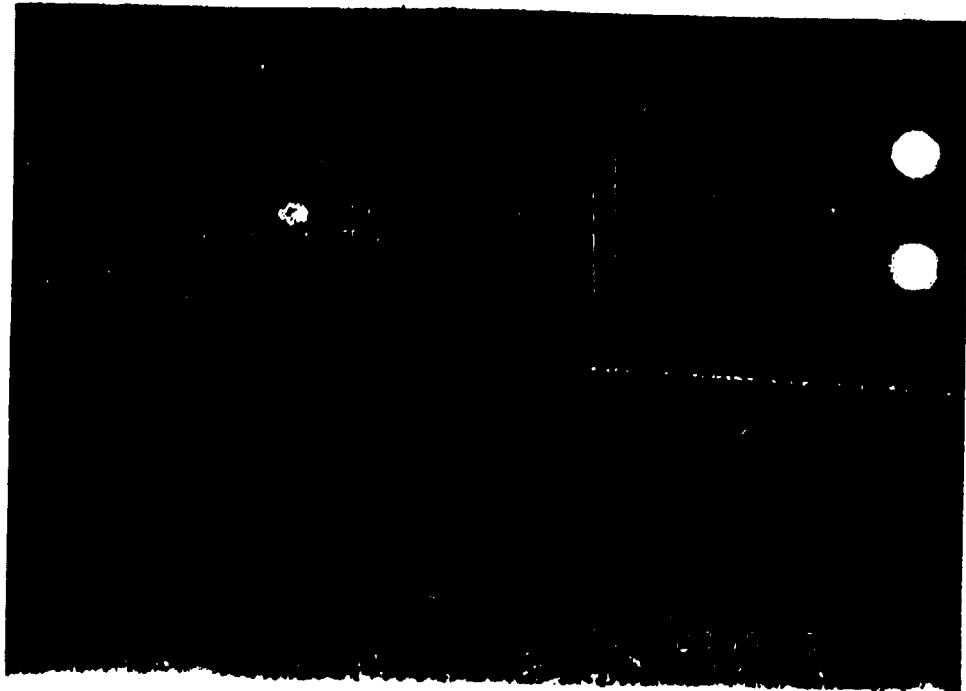
TDD#: 04-8706-04

Time: 1000

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 76
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Mixture of grasses sown at el. 440.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 16 October 1987

Time: 1000

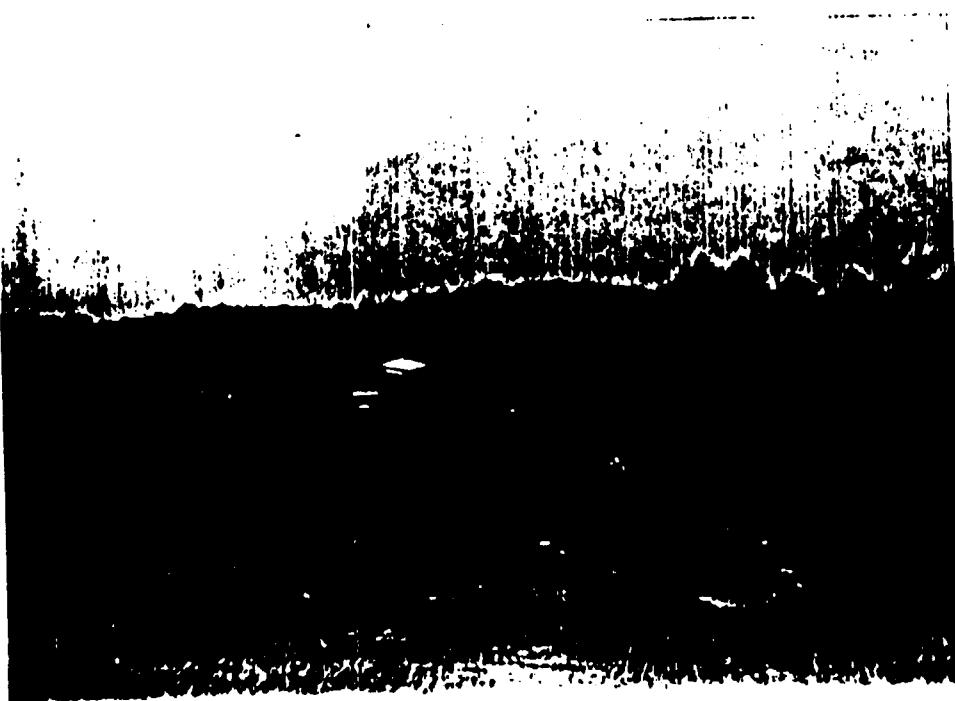
Witness: none

Photographer: Hussung

Film: Kodak **ASA:** 100

TDD#: 04-8706-04

Location of Negative:
Louisville TAT Offce



PHOTO# 77
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Stumps and debris landfilled in southern tract.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 28 June 1987

Time: 1130

Photographer: Sims

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

PHOTO# 78
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Backfill area dozed and compacted.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 09 July 1987

Time: 1400

Photographer: Hussung

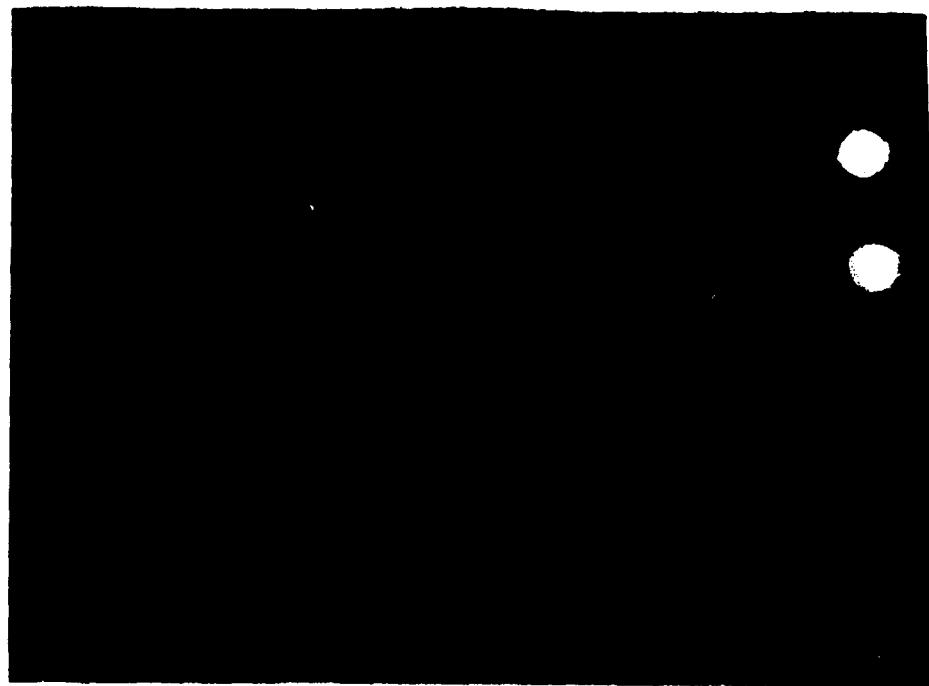
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT OFF



PHOTO# 79
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Topsoil covering on backfill.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 31 July 1987

Time: 0900

Photographer: Sims

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 80
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Topsoil covering on backfill.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 16 October 1987

Time: 1230

Photographer: Russung

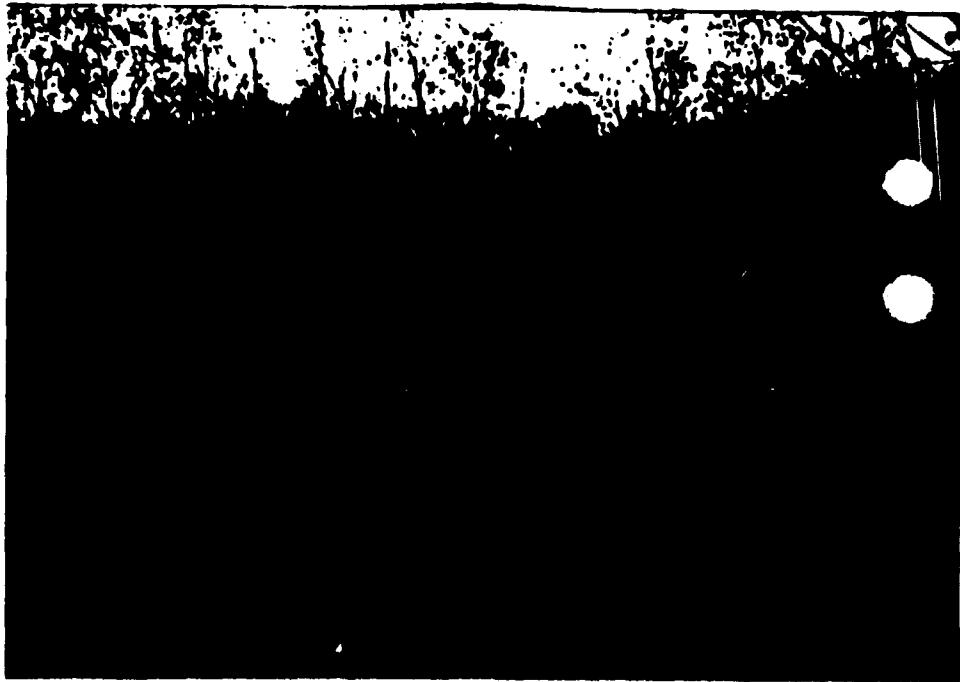
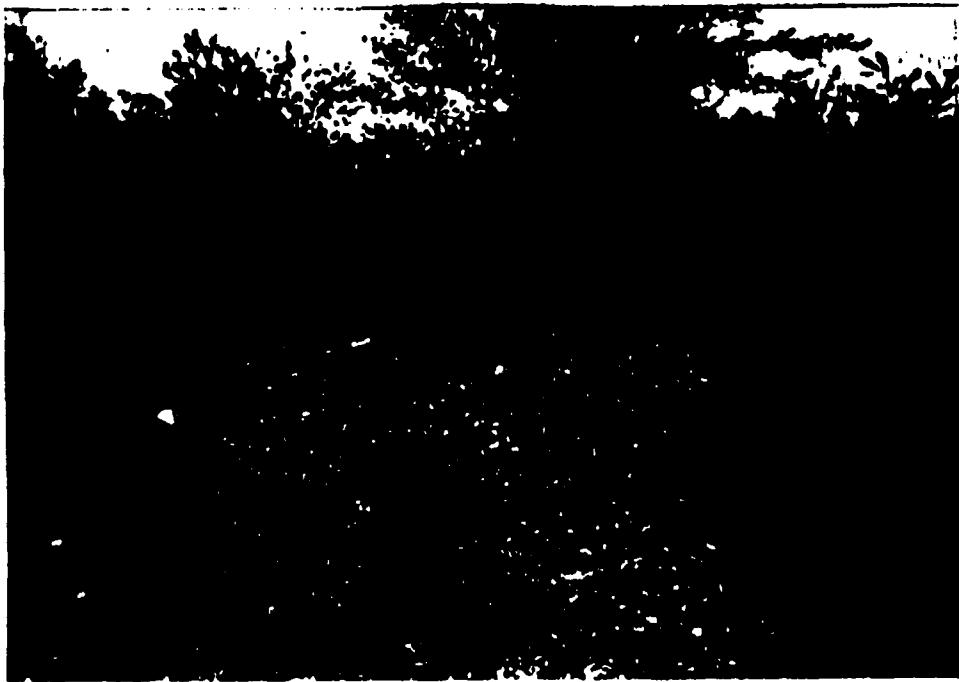
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negat

Louisville TAT



PHOTO# 81
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: "Hot spots" located and identified.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 09 September 1987

Time: 0900

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 82
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: "Hot spots" located and identified.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 09 September 1987

Time: 0930

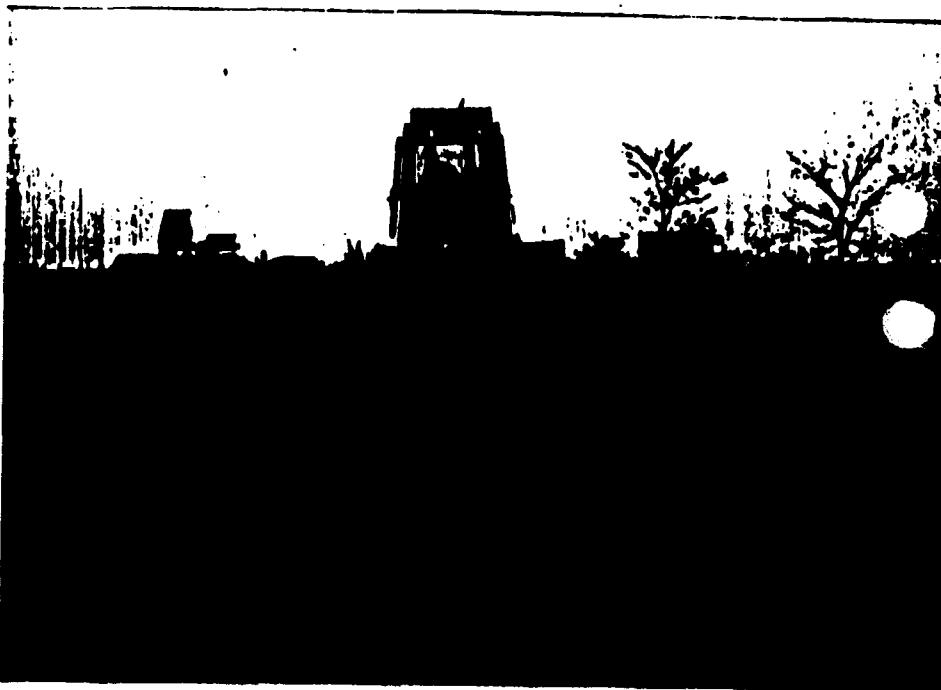
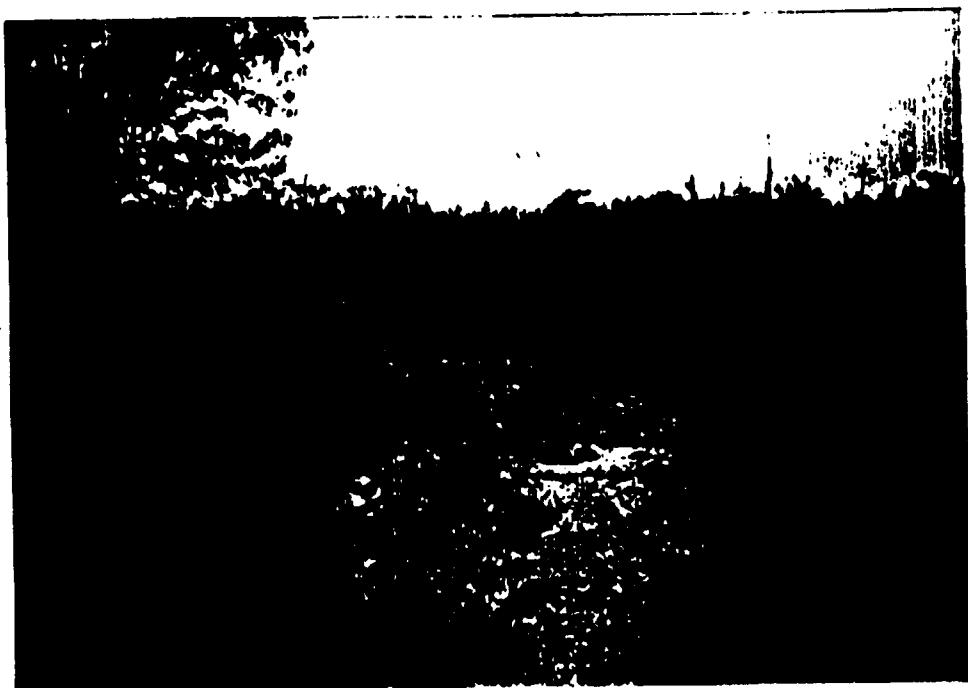
Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Offce



PHOTO# 83
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: "Hot spots" located and identified.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 09 September 1987

Time: 1000

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 84
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: "Hot spots" covered with topsoil.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 09 September 1987

Time: 1300

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negat
Louisville TAT Off:



PHOTO# 85
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drilling gas well on flood wall.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 13 October 1987

Photographer: Hussung

Film: Kodak **ASA:** 100

TDD#: 04-8706-04

Time: 1100

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 86
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Monitoring explosive vapors during well
installation.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 15 October 1987

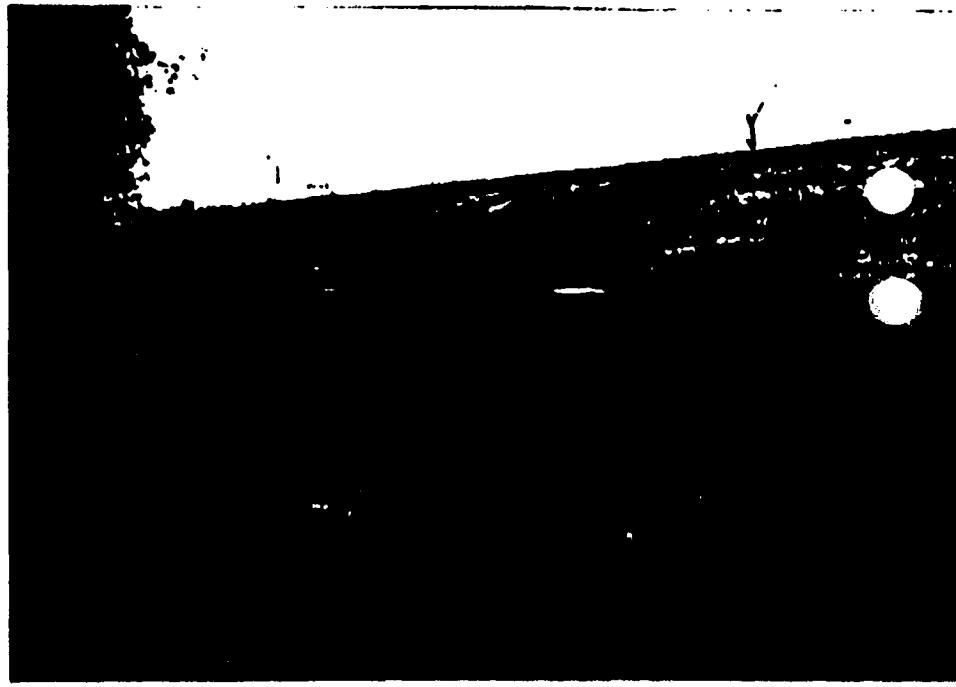
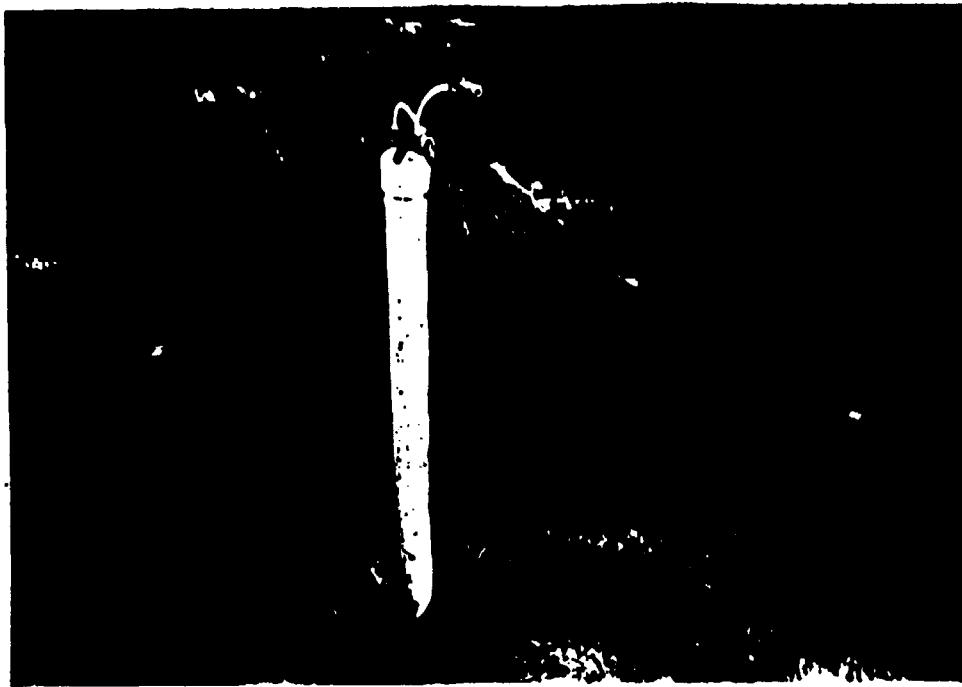
Time: 1400

Witness: none

Location of Negativ
Louisville TAT Off.

Film: Kodak **ASA:** 100

TDD#: 04-8706-04



PHOTO# 87
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: PVC casing used in gas monitoring well.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 16 October 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 1500

Witness: none

Location of Negative:
Louisville TAT Office

PHOTO# 88
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Protective covers for gas monitoring wells/

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 19 October 1987

Time: 1000

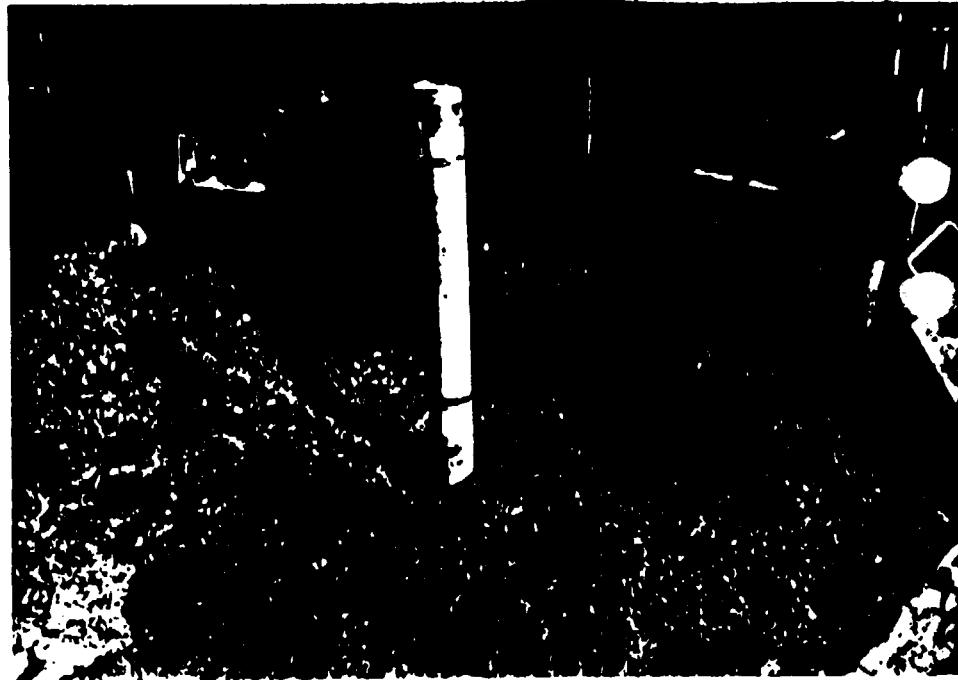
Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Offi



PHOTO# 89
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Drilling water sampling wells in neighborhood adjacent to site.

Location: Lee's Lane Landfill, Jefferson County, Louisville, KY

Date: 16 October 1987

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Time: 0930

Witness: none

Location of Negative:

Louisville TAT Office

PHOTO# 90
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Installation of stainless steel casing for water sampling well.

Location: Lee's Lane Landfill, Jefferson County, Louisville, KY

Date: 16 October 1987

Time: 1500

Photographer: Hussung

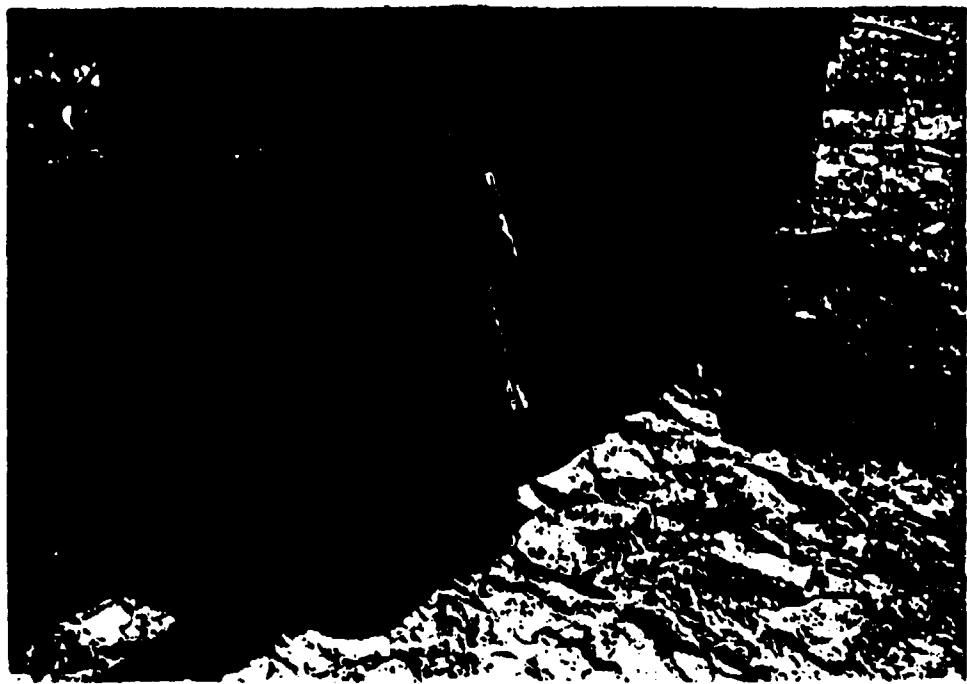
Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Offic



PHOTO# 91
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Volclay grout seal around casing on
water sampling well.

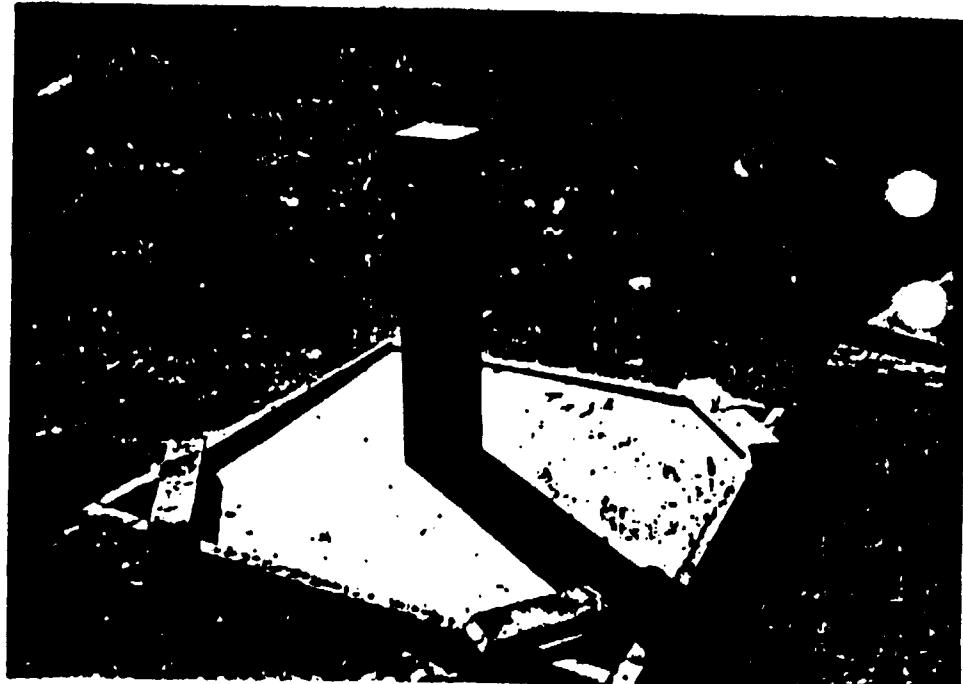
Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 16 October 1987

Time: 1530

Photographer: Hussung
Film: Kodak ASA: 100
TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT Office



PHOTO# 92
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Protective cover and concrete pad for
water sampling well.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY
Date: 19 October 1987

Time: 1600

Photographer: Hussung
Film: Kodak ASA: 100
TDD#: 04-8706-04

Witness: none

Location of Negative:
Louisville TAT OFFICE



PHOTO# 93
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Elevation monuments installed in central tract.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 16 October 1987

Time: 1100

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

PHOTO# 94
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Elevation monuments installed in central tract.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 16 October 1987

Time: 1400

Photographer: Hussung

Witness: none

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04



PHOTO# 95
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Installation of steel gate at site entrance on floodwall.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 01 October 1987

Time: 1000

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negative:

Louisville TAT Office



PHOTO# 96
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY

Subject: Installation of steel gate at site entrance on floodwall.

Location: Lee's Lane Landfill, Jefferson County,
Louisville, KY

Date: 02 October 1987

Time: 1500

Photographer: Hussung

Film: Kodak ASA: 100

TDD#: 04-8706-04

Witness: none

Location of Negat:

Louisville TAT



**PHOTO# 97
OFFICIAL PHOTOGRAPH
ENVIRONMENTAL PROTECTION AGENCY**

Subject: Completed riverbank reinforcement, as seen
from opposite bank.

Location: Lee's Lane Landfill, Jefferson County, Louisville, Ky.

Date: 17 Dec. 1987

Time: 1100

Photographer: Sims

Witness:

Film: Kodak ASA: 100

Location of Negative:

TDD#: 04-8706-04

Louisville TAT Office